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Census of Agriculture

AC87-A-21

Volume 1
GEOGRAPHIC AREA SERIES

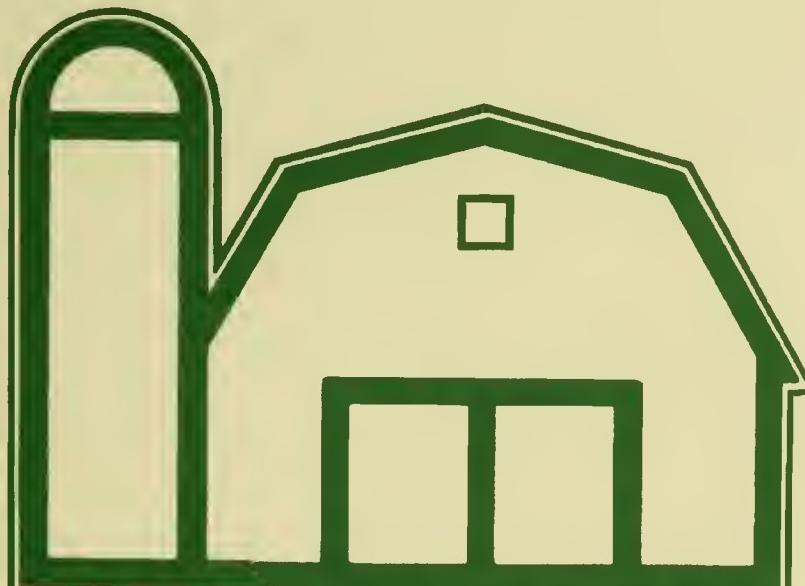
Part 21

Massachusetts
State and County Data

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ACKNOWLEDGMENTS

This report was prepared in the Agriculture Division. Many other divisions contributed to this preparation: Data Preparation performed the clerical processing; Administrative Services provided the forms design and other administrative services; Publications Services contributed in publication planning and design, editorial review, composition, and printing procurement; Computer Services provided the computer processing facilities; Field provided selected data collection activities; Economic Programming prepared the computer programs; and Economic Surveys assisted in preparation of data collection and processing procedures and computer programs.

Members of the Census Advisory Committee on Agriculture Statistics and representatives of both public and private

organizations made significant recommendations which helped establish data content.

Members of various agencies of the U.S. Department of Agriculture provided valuable advice in the planning, publicizing, and processing phases of the census, and in helping farmers and ranchers complete the report forms.

The press, farm magazines, radio and television stations, and farm organizations were most helpful in publicizing the census and encouraging cooperation of farm and ranch operators.

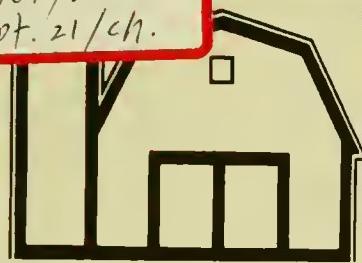
Special tribute is paid to the millions of farm and ranch operators who furnished the information requested. Only through their cooperation was it possible to collect and publish the data in this report.

If you have any questions concerning the statistics in this report, call:

- (301) 763-8555 Division Chief
- (301) 763-8567 Crops Branch
- (301) 763-8569 Livestock Branch
- (301) 763-8566 Farm Economics Branch
- (301) 763-1113 General Information
- (301) 763-8558 Statistical Methodology

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VOLUME 1
GEOGRAPHIC AREA SERIES

1987

Census of Agriculture

AC87-A-21

Changed November 1989

CHANGE SHEET

Massachusetts

Following are changes to the 1987 Census of Agriculture volume 1 publications:

Table 17. Selected Characteristics of Farms Operated by Females, Persons of Spanish Origin, and Specified Racial Groups: 1987 and 1982

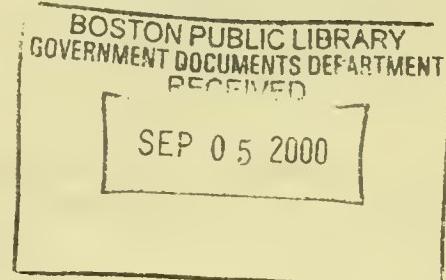
[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Female operators	Operators of Spanish origin ¹	Farms operated by Black and other races			
			Black	American Indian	Asian	Other (see text)
1987 OPERATOR CHARACTERISTICS						
Operators by days of work off farm:						
Any	414	12	5	1	5	5
100 to 199 days	99	-	1	-	-	-

¹See chapter 1, table 16, for operators not of or not reporting Spanish origin

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ACKNOWLEDGMENTS

Table 18. Selected Characteristics of Farms by Standard Industrial Classification: 1987

[For meaning of abbreviations and symbols, see introductory text]

SIC code	Value of selected capital assets ¹ , average per farm (dollars)		SIC code	Value of selected capital assets ¹ , average per farm (dollars)	
	Land and buildings	Machinery and equipment		Land and buildings	Machinery and equipment
Crops (01).....	334 092	32 553	General farms, primarily crop (019).....	253 550	15 269
Cash grains (011).....	282 568	29 124	Livestock and animal specialties (02).....	364 994	31 278
Wheat (0111).....	-	-	Livestock, except dairy, poultry, and animal specialties (021).....	267 681	19 040
Rice (0112).....	-	-	Beef cattle feedlots (0211).....	259 226	(D)
Corn (0115).....	290 286	31 986	Beef cattle, except feedlots (0212).....	304 983	18 873
Soybeans (0116).....	258 556	20 222	Hogs (0213).....	174 983	21 751
Cash grains, n.e.c. (0119).....	382 101	23 020	Sheep and goats (0214).....	257 376	13 977
Field crops, except cash grains (013).....	447 692	68 004	General livestock, except dairy, poultry, and animal specialties (0219).....	199 681	(D)
Cotton (0131).....	-	-	Dairy farms (024).....	719 340	73 999
Tobacco (0132).....	-	-	Poultry and eggs (025).....	226 289	39 318
Sugarcane and sugar beets (0133).....	-	-	Broiler, fryer, and roaster chickens (0251).....	(D)	(D)
Irish potatoes (0134).....	-	-	Chicken eggs (0252).....	234 253	51 812
Field crops, except cash grains, n.e.c. (0139).....	1 034 091	158 647	Turkeys and turkey eggs (0253).....	300 000	34 792
Vegetables and melons (016).....	373 592	20 801	Poultry hatcheries (0254).....	(D)	(D)
Fruits and tree nuts (017).....	294 594	34 202	Poultry and eggs, n.e.c. (0259).....	214 478	20 756
Berry crops (0171).....	354 431	43 097	Fur-bearing animals and rabbits (0271).....	69 950	17 269
Grapes (0172).....	383 155	50 398	Horses and other equines (0272).....	229 698	20 684
Tree nuts (0173).....	128 300	9 000	Animal aquaculture (0273).....	235 667	10 667
Citrus fruits (0174).....	-	-	Animal specialties, n.e.c. (0279).....	68 757	24 505
Deciduous tree fruits (0175).....	361 681	35 581	General farms, primarily livestock and animal specialties (029).....	1 976 512	48 774
Fruits and tree nuts, n.e.c. (0179).....	157 057	9 826			
Horticultural specialties (018).....	318 832	37 231			
Ornamental floriculture and nursery products (0181).....	310 161	34 842			
Food crops grown under cover (0182).....	842 600	181 500			

¹Data are based on a sample of farms

Table 48. Summary by Tenure of Operator: 1987

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms				Farms with sales of \$10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
POULTRY								
Hens and pullets sold.....	farms--number--	1 149 575	973 062	50 157	126 356	1 145 401	969 440	21 (D)

Table 49. Summary by Type of Organization: 1987

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	Corporation				Other—cooperative, estate or trust, institutional, etc.
				Total	Family held		Other than family held	
					Total	10 or less stock-holders	Total	10 or less stock-holders
POULTRY								
Hens and pullets sold.....	farms--number--	1 149 575	357 277	11 549	777 709	629 310	629 310	148 399 (D)

Table 50. Summary by Age and Principal Occupation of Operator: 1987

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
POULTRY								
Hens and pullets sold.....	farms--number--	1 149 575	71	1 (D)	15 (D)	13 161 139	9 147 568	12 560 322 21 87 255

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Other occupations					
		Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
POULTRY							
Hens and pullets sold..... farms... number...	70 89 899	-	4 416	21 703	28 12 304	10 73 479	7 2 997

Table 51. Summary by Size of Farm: 1987

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres	
POULTRY							
Hens and pullets sold..... farms... number...	141 1 149 575	30 113 067	55 126 146	12 188 006	7 73 685	9 703	
Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	
POULTRY						2,000 acres or more	
Hens and pullets sold..... farms... number...	5 52 365	7 72 428	5 70 520	7 101 145	3 (D)	1 (D)	-

Table 52. Summary by Value of Agricultural Products Sold: 1987

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$500,000 or more		\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999	\$40,000 to \$49,999
		\$1,000,000 or more	Total				
POULTRY							
Hens and pullets sold..... farms... number...	141 1 149 575	8 769 993	8 769 993	10 288 050	6 20 515	19 39 347	2 (D)
Item	\$25,000 to \$39,999	\$20,000 to \$24,999	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500	
POULTRY							
Hens and pullets sold..... farms... number...	10 (D)	9 3 915	13 8 351	15 2 379	21 489		28 1 306

Table 53. Summary by Standard Industrial Classification of Farm: 1987

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c (0133, 0134, 0139)		
POULTRY								
Hens and pullets sold..... farms... number...	141 1 149 575	-	6 682	-	-	6 682	9 2 714	4 340
Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (023)
			Total	Beef cattle, except feedlots (0212)				
POULTRY								
Hens and pullets sold..... farms... number...	-	5 8 354	36 1 114	2 (D)	10 1 710	50 1 128 325	9 4 068	12 2 268

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Following are changes to appendix C:

Table B. Reliability Estimates for Number of Farms in a County Reporting a Complete Count Item: 1987

Farms	Relative standard error of estimate (percent)
Number of farms reporting	
25	9.4
50	6.6
75	5.3
100	4.5
150	3.6
200	3.0
300	2.3
500	1.6
750	1.0
1,000	.4
1,500	.3
2,000	(NA)

Note: Complete count items are items in sections 1 to 22 of the report form

Table C. Reliability Estimates for Number of Farms in a County Reporting a Sample Item: 1987

Farms	Relative standard error of estimate (percent)
Number of farms reporting	
25	36.2
50	25.2
75	20.2
100	17.1
150	13.4
200	11.1
300	8.2
500	4.7
750	3.9
1,000	3.3
1,500	2.7
2,000	(NA)

Note. Sample items are items in sections 23 to 28 of the report form.

Table G. New England States Coverage Evaluation Estimates of Farms Not on the Mail List: 1987

[During additional processing for coverage evaluation estimates, minor errors in estimates and relative standard errors were discovered for selected data items in some States. Corrected estimates will be published in Volume 2, Subject Series, Part 2, Coverage Evaluation.]



1987

Census of

Agriculture

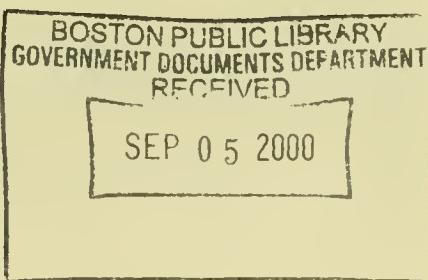
AC87-A-21

GEOGRAPHIC AREA SERIES

Part 21

Massachusetts

State and County Data



Issued March 1989



U.S. Department of Commerce
Robert A. Mosbacher, Secretary
Robert Ortner, Under Secretary
for Economic Affairs

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BUREAU OF THE CENSUS
C. L. Kincannon, Deputy Director

Charles A. Waite, Associate Director for
Economic Programs

Roger H. Bugenhagen, Assistant Director for
Economic and Agriculture Censuses

Thomas L. Mesenbourg, Chief,
Economic Census Staff

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Charles P. Pautler, Jr., Chief

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HISTORY

The 1987 Census of Agriculture is the 23d taken by the U.S. Department of Commerce, Bureau of the Census. The first agriculture census was taken in 1840 as part of the sixth decennial census of population. From 1840 to 1950, an agriculture census was taken as part of the decennial census. A separate mid-decade census of agriculture was conducted in 1925, 1935, and 1945. From 1954 to 1974, a census of agriculture was taken for the years ending in 4 and 9. In 1976, Congress authorized the census of agriculture to be taken for 1978 and 1982 to adjust the data reference year so that it coincided with the economic censuses covering manufacturing, mining, construction, retail trade, wholesale trade, service industries, and selected transportation activities. This adjustment in timing established the agriculture census on a 5-year cycle collecting data for years ending in 2 and 7.

USES OF THE CENSUS

The census of agriculture is the leading source of statistics about the Nation's agricultural production and the only source of consistent, comparable data at the county, State, and national levels. Census statistics are used by Congress in developing and changing farm programs and for determining the effects of these programs. Many national and State programs are designed or allocated on the basis of census data, such as funds for extension services, research, and soil conservation projects. Private industry uses census statistics to provide a more effective production and distribution system for the agricultural community.

AUTHORITY AND AREA COVERED

The census of agriculture is required by law under Title 13, United States Code, sections 142(a) and 191, which directs that a census be taken in 1979, 1983, and in every

fifth year after 1983 covering the prior year. The 1987 census includes each State, Puerto Rico, Guam, and the Virgin Island of the United States. A census of agriculture will be conducted in American Samoa and the Commonwealth of the Northern Mariana Islands in conjunction with the 1990 Census of Population and Housing.

FARM DEFINITION

Since 1850, when minimum criteria defining a farm for census purposes first were established, the farm definition has been changed nine times. The current definition, first used for the 1974 census, is any place from which \$1,000 or more of agricultural products were produced and sold or normally would have been sold during the census year. The farm definition used for the outlying areas varies according to area. The report for each area includes a discussion of the farm definition.

COMPARABILITY OF DATA

Data on acreages and inventories for 1987 and 1982 are generally comparable. Dollar figures shown for expenses and agricultural product sales are expressed in current dollars and have not been adjusted for inflation or deflation. In general, data for censuses since 1974 are not fully comparable with data for 1969 and earlier censuses due to changes in the farm definition.

The 1978 U.S., region, and State data shown in the 1978 Census of Agriculture publications included data for farms on the mail list plus estimates from an area sample for farms not on the mail list. For comparability, the 1978 data in the 1987 publications include only farms on the mail list.

TABULAR PRESENTATION

State data—Tables 1 through 47 in chapter 1 show detailed State-level data usually accompanied by historical data for one or more past censuses. Tables 48 through 53 provide 1987 State data cross-tabulated by various farm classifications.

County data—Chapter 2 presents selected data items by county. Tables 1 through 16 include general data for all counties. The counties are listed in alphabetical order in the column headings. Tables 17 through 36 include only

counties reporting the data item. Counties not having the item, or with a limited number of farms reporting the item, have data combined and presented as "all other counties."

ADVANCE REPORTS

Advance reports of 1987 census data have been published separately for each county with 10 farms or more, each State, and the United States. This series provided, at the earliest possible date, final data on major data items together with comparable final data from the 1982 census. Data items are standard across States except information on selected crops harvested, which vary by State according to their relative importance in the State.

ELECTRONIC DATA DISSEMINATION

The volume 1 data are available on computer tapes and compact disc. The advance report data are available on computer tapes, computer diskettes, and through electronic data services such as the AGRIDATA network, the CENDATA package on Dialog, CompuServe on-line services, and the Census Bureau's State Data Center Bulletin Board. Computer tapes, diskettes, and compact discs are sold by the Customer Services Branch, Data User Services Division, Bureau of the Census, Washington, D.C. 20233 (telephone (301) 763-4100).

SPECIAL TABULATIONS

Custom designed tabulations can be developed to individual user specifications on a programming cost reimbursable basis. Inquiries about special tabulations should be directed to the Chief, Agriculture Division, Bureau of the Census, Washington, D.C. 20233.

CENSUS DISCLOSURE RULES

In keeping with the provisions of Title 13, United States Code, no data are published that would disclose the operations of an individual farm. However, the number of

farms in a given size category or other classification, such as size of farm, is not considered a release of confidential information and is provided even though other information is withheld.

INVENTORIES, PRODUCTION, AND SALES DATA

Inventories of livestock, poultry, and machinery and equipment are measured as of December 31 of the census year. Crop and livestock production, sales, and expense data are for the calendar year, except for a few crops (such as citrus) for which the production year overlaps the calendar year.

ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used throughout the tables:

-	Represents zero.
(D)	Withheld to avoid disclosing data for individual farms.
(IC)	Independent city.
(NA)	Not available.
(S)	Withheld because estimate did not meet publication standards on the basis of either the response rate (associated relative standard error) or a consistency review.
(X)	Not applicable.
(Z)	Less than half of the unit shown.
cwt	Hundredweight.
sq ft	Square feet.

Highlights of the State's Agriculture: 1987 and 1982

[Dollar figures are in current dollars with no adjustment for price changes. For meaning of abbreviations and symbols, see introductory text.]

Item	All farms			Percent change from 1982 to 1987
	1987		1982	
Farms	number--	6 216	5 401	15.1
Land in farms	acres--	615 185	612 819	.4
Average size of farm	acres--	99	113	-12.4
Value of land and buildings ¹ :				
Average per farm	dollars--	346 530	205 677	68.5
Average per acre	dollars--	3 553	1 963	81.0
Farms by size:				
1 to 9 acres		1 105	920	20.1
10 to 49 acres		2 125	1 652	28.6
50 to 179 acres		2 016	1 814	11.1
180 to 499 acres		813	856	-5.0
500 to 999 acres		126	130	-3.1
1,000 to 1,999 acres		26	21	23.8
2,000 acres or more		5	8	-37.5
Hervested cropland	farms--	5 084	4 608	10.3
Irrigated land	acres--	194 874	197 769	-1.5
Market value of agricultural products sold	\$1,000--	340 464	281 436	21.0
Average per farm	dollars--	54 772	52 108	5.1
Crops, including nursery and greenhouse crops	\$1,000--	215 855	139 428	54.8
Grains	\$1,000--	785	836	-6.2
Cotton and cottonseed	\$1,000--	—	—	—
Tobacco	\$1,000--	4 587	2 494	83.9
Hay, silege, and field seeds	\$1,000--	7 803	5 624	38.7
Vegetables, sweet corn, and melons	\$1,000--	25 179	19 199	31.1
Fruits, nuts, and berries	\$1,000--	92 349	60 925	51.6
Nursery and greenhouse crops	\$1,000--	80 867	46 465	74.0
Other crops	\$1,000--	4 285	3 884	10.3
Livestock, poultry, and their products	\$1,000--	124 609	142 008	-12.3
Poultry and poultry products	\$1,000--	23 149	25 456	-9.1
Dairy products	\$1,000--	63 309	80 840	-21.7
Cattle and calves	\$1,000--	11 297	12 212	-7.5
Hogs and pigs	\$1,000--	4 220	4 497	-6.1
Sheep, lambs, and wool	\$1,000--	884	445	98.8
Other livestock and livestock products (see text)	\$1,000--	21 749	18 559	17.2
Farms by type of organization:				
Individual or family (sole proprietorship)		5 124	4 541	12.8
Partnership		481	377	27.6
Corporation		544	413	31.7
Other—cooperative, estate or trust, institutional, etc.		67	70	-4.3
Operators by principal occupation:				
Farming		3 174	2 941	7.9
Other		3 042	2 460	23.7
Operators by days worked off farm:				
Any		3 516	2 897	21.4
200 days or more		2 283	1 838	24.2
Average age of operator	years--	52.6	51.5	2.1
Total farm production expenses ¹	farms--	6 216	(NA)	(NA)
	\$1,000--	251 496	(NA)	(NA)
Selected farm production expenses ¹ :				
Livestock and poultry purchased	\$1,000--	11 441	11 468	-2.0
Feed for livestock and poultry	\$1,000--	33 525	47 203	-29.0
Commercial fertilizer ²	\$1,000--	8 953	7 155	25.1
Agricultural chemicals ²	\$1,000--	7 319	4 885	49.8
Petroleum products	\$1,000--	12 042	16 641	-27.6
Hired farm labor	\$1,000--	66 579	43 109	54.4
Interest expense ³	\$1,000--	13 788	10 141	36.0
Livestock and poultry inventory:				
Cattle and calves	farms--	2 112	2 311	-8.6
	number--	83 065	102 366	-18.9
Milk cows	farms--	838	1 111	-24.6
	number--	36 913	49 891	-26.0
Hogs and pigs	farms--	498	619	-19.5
	number--	25 816	39 570	-34.8
Chickens 3 months old or older	farms--	738	727	1.5
	number--	1 502 202	1 276 406	17.7
Selected crops harvested:				
Corn for grain or seed	farms--	152	165	-7.9
	acres--	5 681	6 077	-6.5
Corn for silage or green chop	farms--	604	886	-31.8
	acres--	28 643	37 553	-23.7
Irish potatoes	farms--	93	136	-31.6
	acres--	2 628	3 759	-30.1
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms--	2 874	2 663	7.9
	acres--	121 498	116 729	4.1
Vegetables harvested for sale (see text)	farms--	1 008	1 011	-3.0
	acres--	16 325	15 307	6.7
Land in orchards	farms--	572	489	17.0
	acres--	9 379	9 332	.5

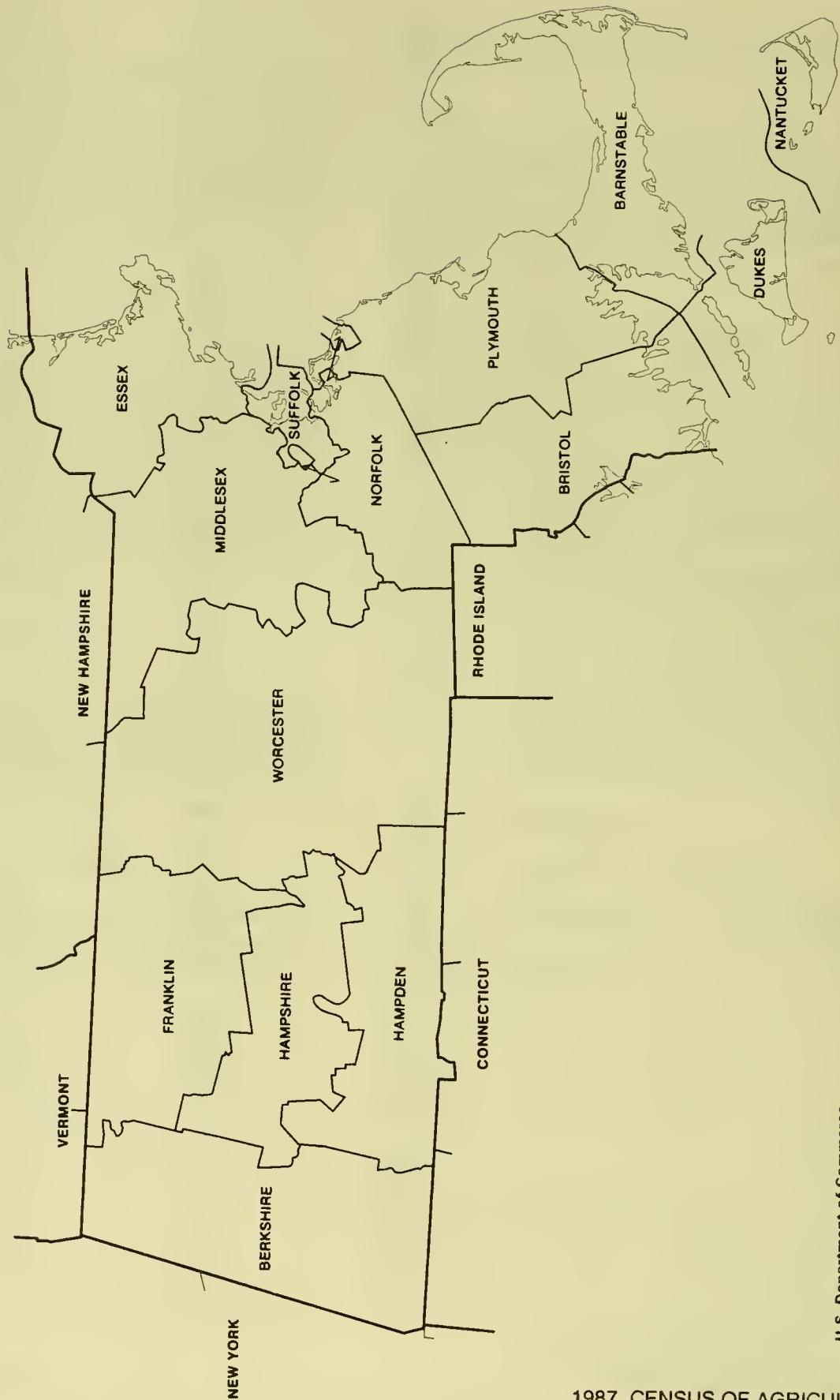
¹Date are based on a sample of farms.

²Date for 1987 include cost of custom applications.

³Date for 1982 do not include imputation for item nor response.

Figure 1. State Map

MASSACHUSETTS



U.S. Department of Commerce
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Figure 2. Profile of State's Agriculture: 1987

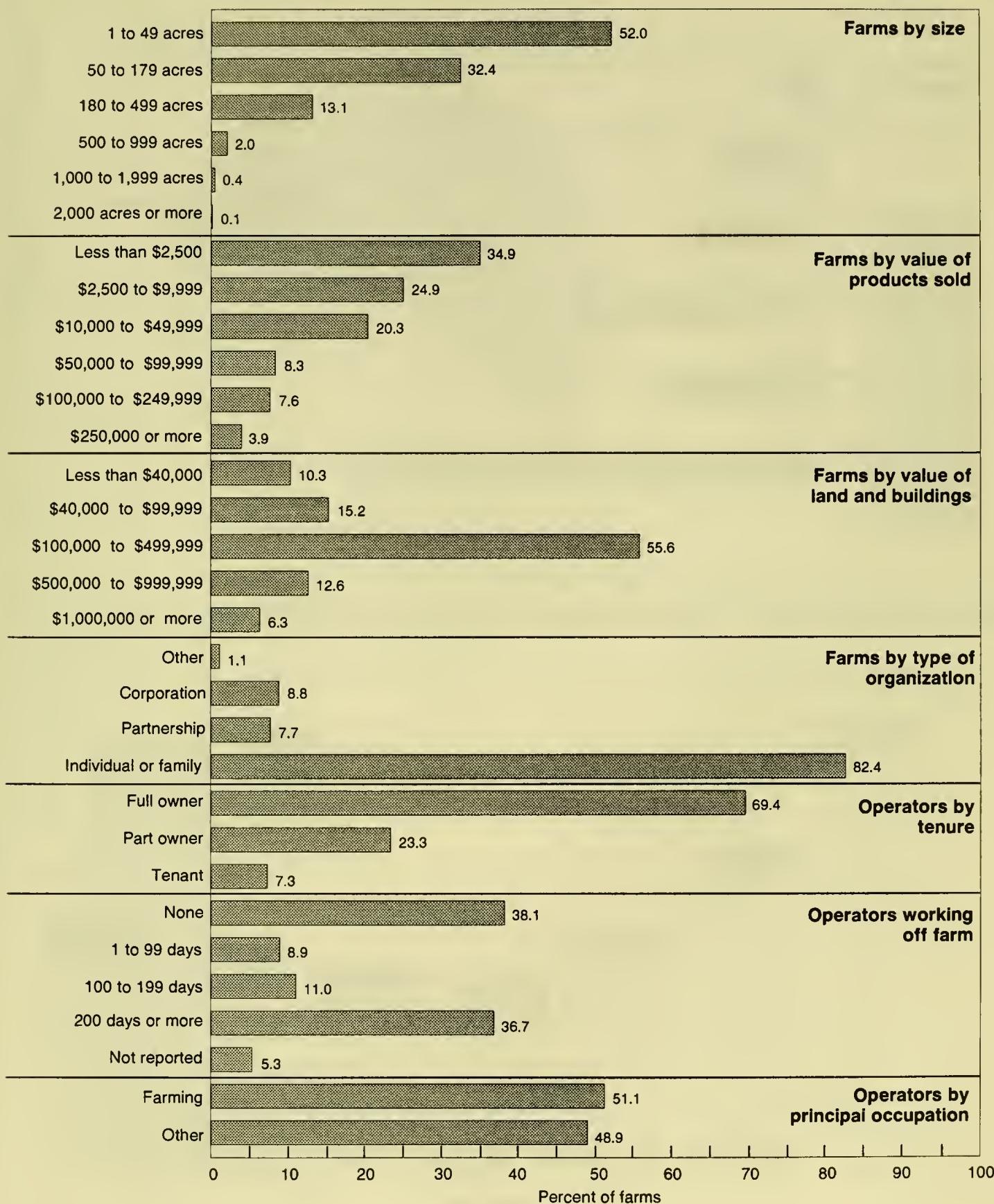


Figure 3. Percent of Farms and of Value of Products Sold: 1987

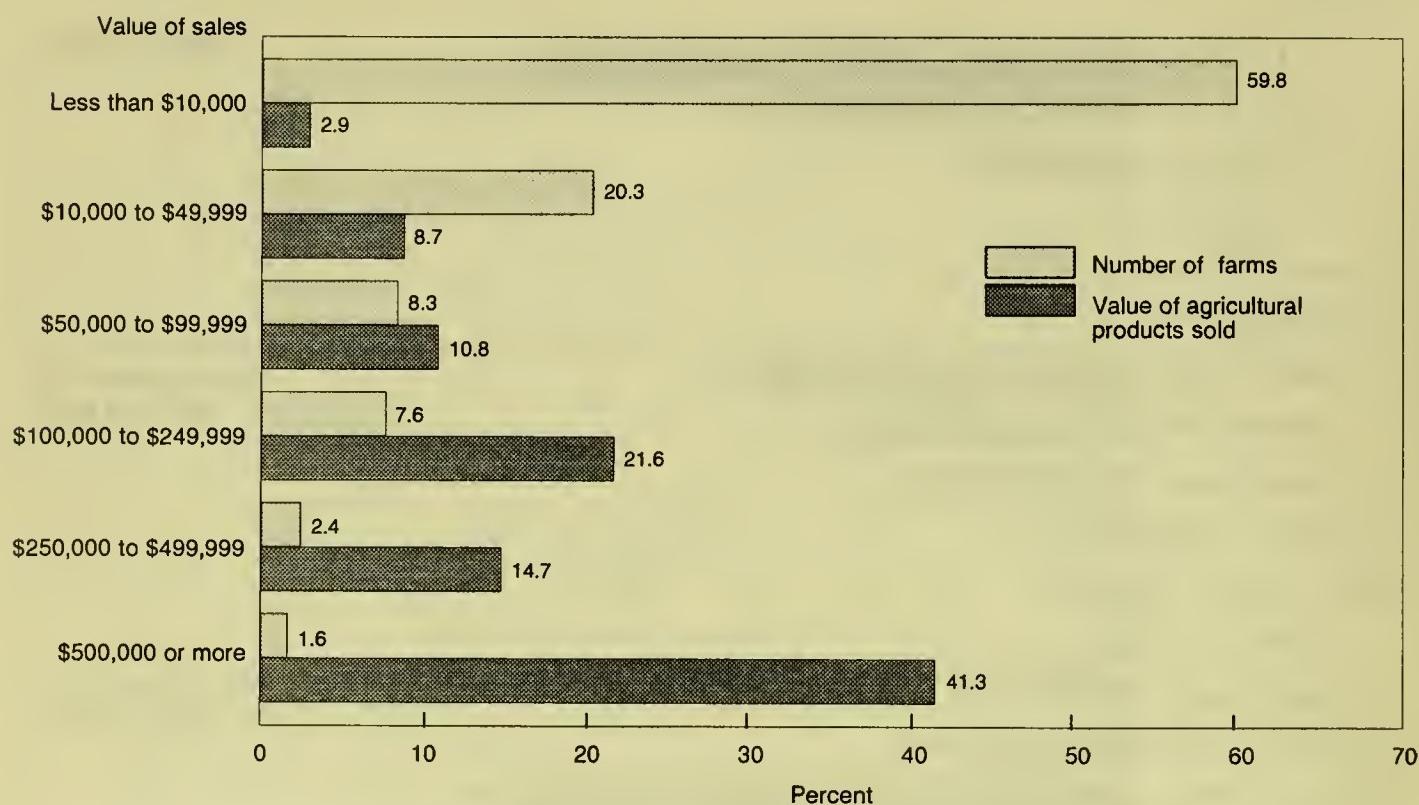


Figure 4. Farms by Value of Agricultural Products Sold: 1959 to 1987

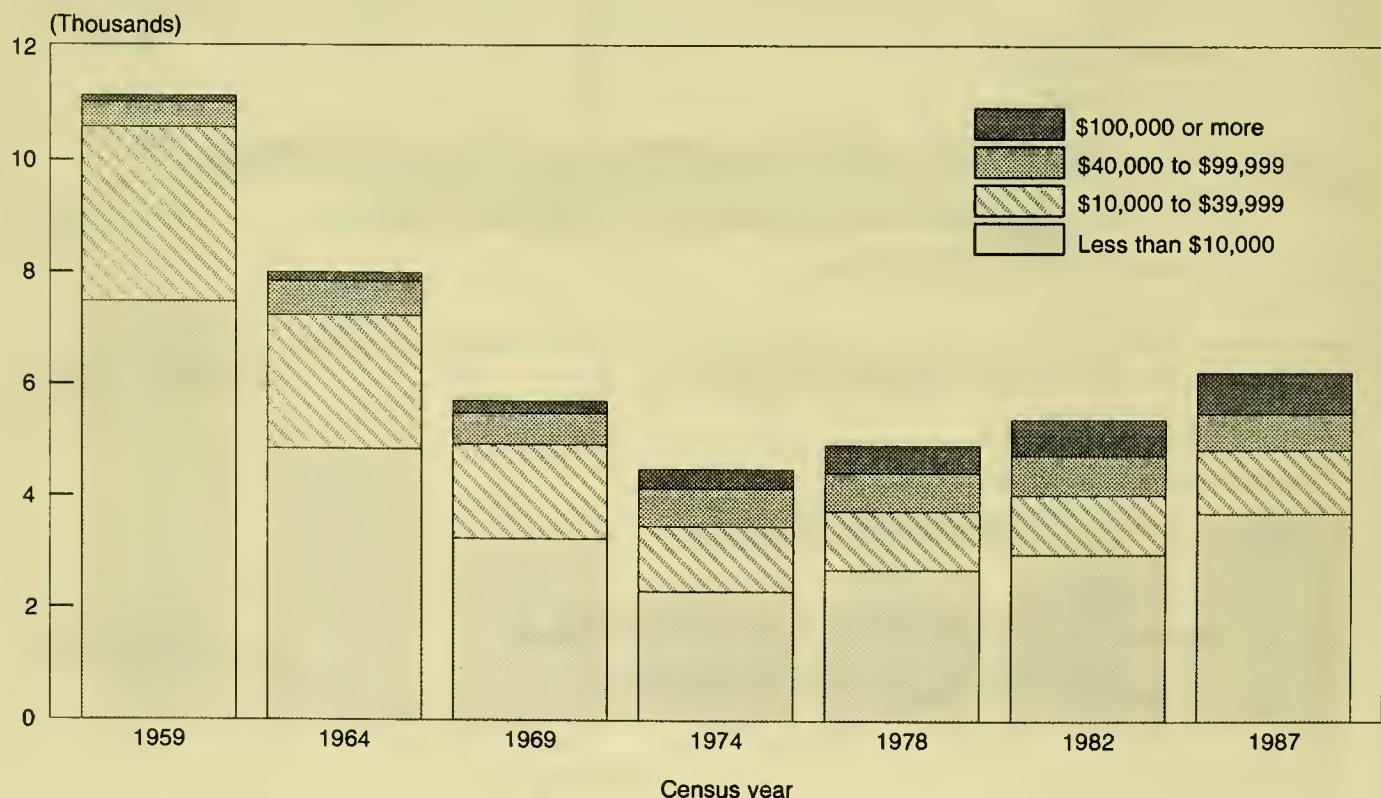


Figure 5. Land Use: 1987

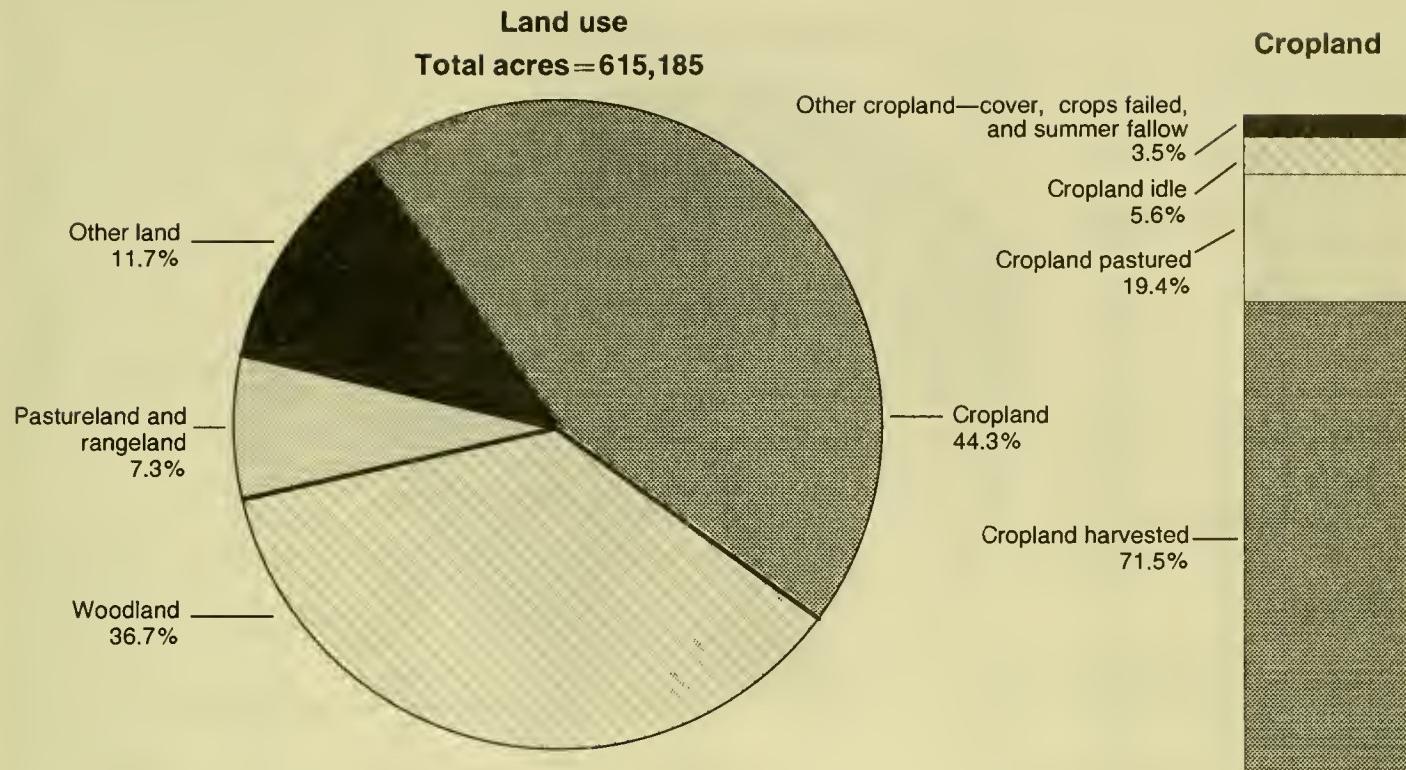


Figure 6. Selected Crops Harvested: 1987

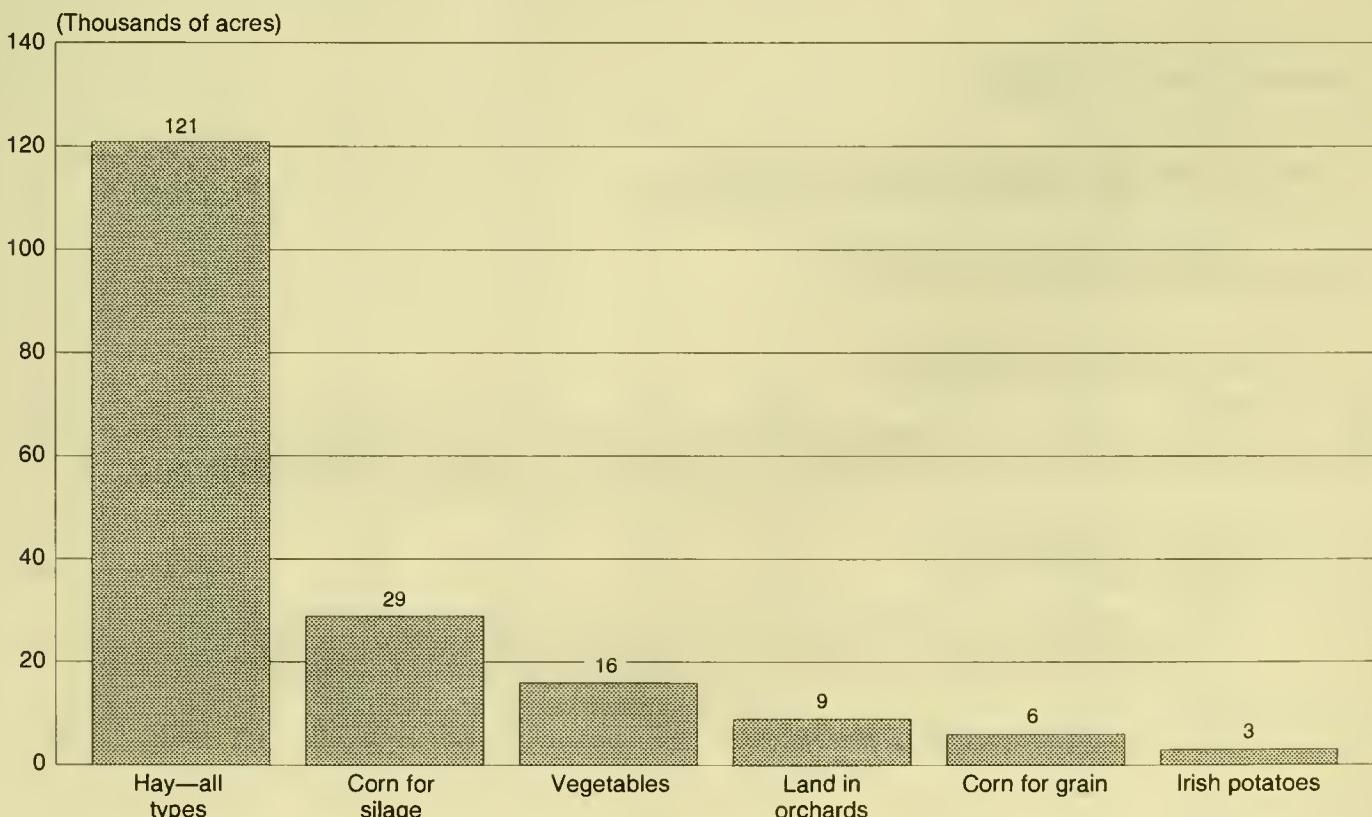


Figure 7. Value of Livestock and Poultry Sold: 1987

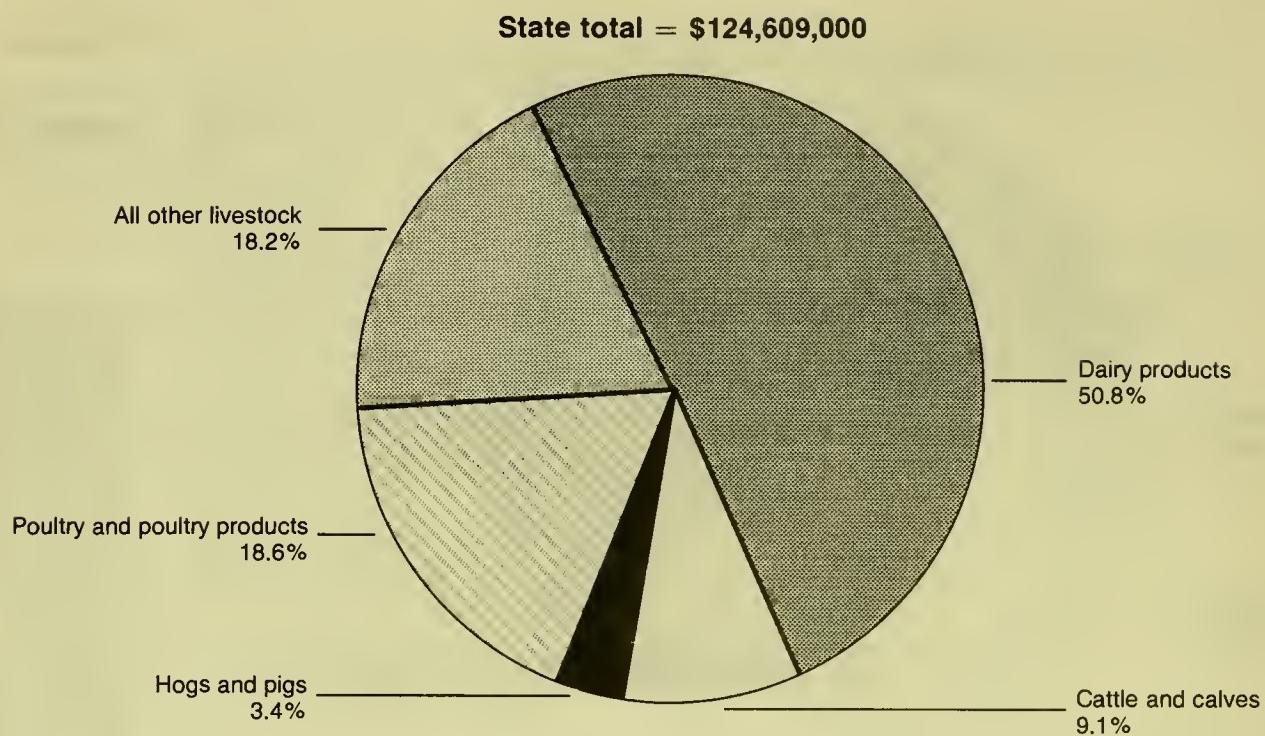


Figure 8. Production Expenses: 1987

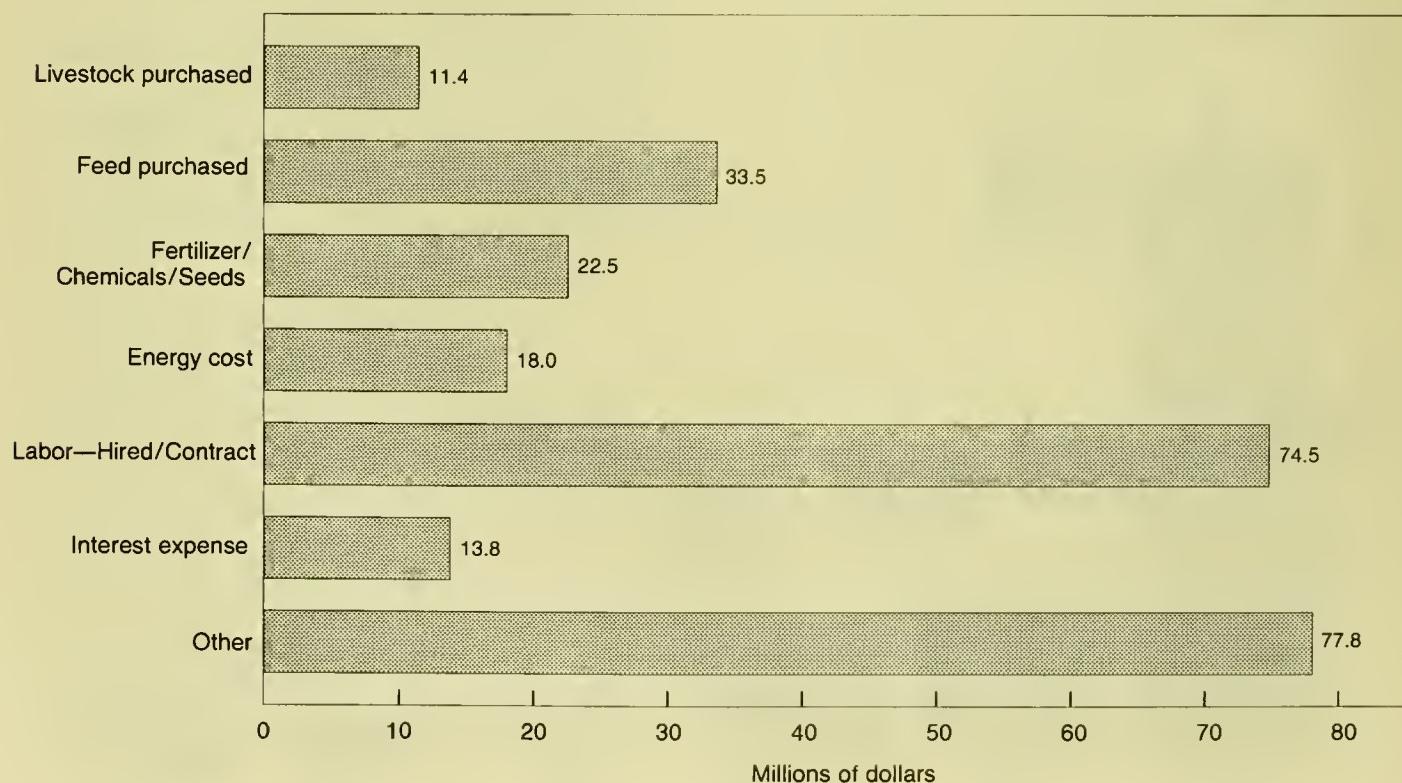


Table 1. Historical Highlights: 1987 and Earlier Census Years

[For meaning of abbreviations and symbols, see introductory text]

All farms	1987	1982	1978	1974	1969	1964	1959	1954
Farms-----number-----	6 216	5 401	4 946	4 497	5 703	8 019	11 179	17 361
Land in farms-----acres-----	615 185	612 819	617 359	601 734	700 578	901 789	1 142 341	1 439 080
Average size of farm-----acres-----	99	113	125	134	123	113	102	83
Value of land and buildings ¹ :								
Average per farm-----dollars-----	346 530	205 677	183 339	128 535	69 362	43 492	31 692	18 552
Average per acre-----dollars-----	3 553	1 963	1 443	961	565	386	310	224
Estimated market value of all machinery and equipment ¹ -----\$1,000-----	198 868	153 346	121 137	84 637	48 237	(NA)	(NA)	(NA)
Average per farm-----dollars-----	32 039	28 429	24 507	19 729	8 746	(NA)	(NA)	(NA)
Farms by size:								
1 to 9 acres-----	1 105	920	798	627	859	1 508	2 057	3 923
10 to 49 acres-----	2 125	1 652	1 399	1 185	1 622	2 301	3 391	5 777
50 to 179 acres-----	2 016	1 814	1 698	1 637	2 039	2 680	3 835	5 498
180 to 499 acres-----	813	856	883	876	987	1 298	1 639	1 901
500 to 999 acres-----	126	130	137	142	156	190	216	208
1,000 to 1,999 acres-----	26	21	25	21	33	33	41	54
2,000 acres or more-----	5	8	6	9	7	9	41	54
Total cropland-----farms-----	5 654	4 941	4 645	4 212	5 168	7 101	9 752	15 217
acres-----	272 588	265 866	276 686	257 033	280 455	347 833	445 153	550 613
Harvested cropland-----farms-----	5 084	4 608	4 397	4 032	4 668	6 498	8 778	13 005
acres-----	194 874	197 769	197 405	188 015	189 635	234 443	290 682	331 180
Irrigated land-----farms-----	1 316	1 000	966	879	925	1 229	1 093	1 366
acres-----	20 158	17 331	16 753	18 512	18 850	24 178	19 999	22 683
Market value of agricultural products sold ² -----\$1,000-----	340 464	281 436	211 994	179 653	138 650	138 543	126 440	125 226
Average per farm-----dollars-----	54 772	52 108	42 862	39 950	24 312	17 277	11 311	7 213
Crops, including nursery and greenhouse crops-----\$1,000-----	215 655	139 428	100 079	86 453	61 859	54 925	45 718	43 449
Livestock, poultry, and their products-----\$1,000-----	124 609	142 008	111 915	92 464	76 360	82 727	80 035	81 028
Farms by value of sales ³ :								
Less than \$2,500-----	2 167	1 622	1 338	1 354	2 132	2 825	4 437	8 941
\$2,500 to \$4,999-----	830	706	730	444	481	853	1 451	2 167
\$5,000 to \$9,999-----	720	655	636	498	600	1 166	1 568	2 498
\$10,000 to \$24,999 ⁴ -----	770	690	677	770	770	1 666	3 652	2 545
\$25,000 to \$49,999 ⁵ -----	494	526	552	1 840	2 239	2 978	-	1 100
\$50,000 to \$99,999-----	515	544	506	-	-	-	-	-
\$100,000 to \$499,999-----	623	570	438	297	195	156	-	-
\$500,000 or more-----	97	71	49	47	20	-	-	-
Farms by type of organization:								
Individual or family (sole proprietorship)-----	5 124	4 541	4 087	(NA)	(NA)	(NA)	(NA)	(NA)
Partnership-----	481	377	439	(NA)	(NA)	(NA)	(NA)	(NA)
Corporation-----	544	413	358	(NA)	(NA)	(NA)	(NA)	(NA)
Other—cooperative, estate or trust, institutional, etc.-----	67	70	62	(NA)	(NA)	(NA)	(NA)	(NA)
Operators by days worked off farm ⁶ :								
None-----	2 371	2 121	2 197	1 672	(NA)	(NA)	(NA)	8 223
Any-----	3 516	2 897	2 520	1 815	2 892	3 523	5 182	8 513
200 days or more-----	2 283	1 638	1 623	1 157	1 931	2 237	3 737	6 344
Operators by principal occupation ⁶ :								
Farming-----	3 174	2 941	2 852	2 560	(NA)	(NA)	(NA)	(NA)
Other-----	3 042	2 460	2 094	1 604	(NA)	(NA)	(NA)	(NA)
Average age of operator ⁶ -----years-----	52.6	51.5	52.5	54.2	53.0	53.6	52.6	52.7
Total farm production expenses ¹ -----\$1,000-----	251 496	(NA)	(NA)	155 157	115 740	(NA)	(NA)	(NA)
Selected farm production expenses ⁷ :								
Livestock and poultry purchased-----\$1,000-----	11 441	11 468	10 950	8 110	7 400	5 805	7 309	(NA)
Feed for livestock and poultry-----\$1,000-----	33 525	47 203	39 491	40 395	27 157	31 489	37 828	45 196
Commercial fertilizer ⁷ -----\$1,000-----	8 953	7 155	7 148	5 808	3 531	3 959	(NA)	(NA)
Petroleum products-----\$1,000-----	12 042	16 641	11 733	8 766	4 573	5 078	4 611	4 415
Hired farm labor-----\$1,000-----	66 579	43 109	40 380	31 981	27 002	25 640	26 887	24 454
Interest expense ⁸ -----\$1,000-----	13 788	10 141	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Agricultural chemicals ⁷ -----\$1,000-----	7 319	4 885	3 882	2 768	58 786	2 231	(NA)	(NA)
Livestock and poultry:								
Cattle and calves-----farms-----	2 112	2 311	2 073	1 994	2 226	3 560	5 258	9 085
inventory-----number-----	83 065	102 366	96 951	103 938	103 054	127 197	143 332	181 195
Beef cows-----farms-----	1 124	1 071	904	759	(NA)	672	(NA)	(NA)
number-----	9 692	8 176	7 408	7 650	5 928	4 816	3 673	4 688
Milk cows-----farms-----	838	1 111	1 156	1 239	1 551	2 780	4 436	7 750
number-----	36 913	49 891	49 728	55 328	58 786	79 275	89 353	107 414
Cattle and calves sold -----farms-----	1 725	1 908	1 803	1 745	2 022	3 067	4 247	5 647
number-----	39 668	47 034	51 782	48 032	59 974	84 203	78 856	89 741
Hogs and pigs inventory-----farms-----	498	619	628	465	307	606	1 235	2 297
number-----	25 816	39 570	54 586	43 229	55 975	82 025	107 943	105 997
Hogs and pigs sold -----farms-----	387	451	435	309	224	381	569	745
Chickens 3 months old or older inventory ⁹ -----farms-----	738	727	685	577	803	1 615	3 724	7 832
Broilers and other meat-type chickens sold-----farms-----	1 502 202	1 276 406	1 465 853	1 956 434	2 673 382	2 806 439	3 497 862	4 084 965
number-----	37	48	41	31	58	120	242	575
See footnotes at end of table.	(D)	162 904	163 218	301 430	1 577 680	4 407 220	7 638 363	10 726 535

Table 1. Historical Highlights: 1987 and Earlier Census Years—Con.

[For meaning of abbreviations and symbols, see introductory text.]

All farms	1987	1982	1978	1974	1969	1964	1959	1954
Selected crops harvested:								
Corn for grain or seed	152	165	182	138	126	150	373	687
farms--	5 681	6 077	4 634	3 022	2 012	1 388	2 188	2 764
acres--	626 829	581 680	401 871	232 727	168 547	94 690	140 610	158 201
Tobacco	21	46	44	51	74	157	269	733
farms--	458	352	1 078	1 568	2 420	3 057	4 009	6 164
acres--	618 971	574 990	1 536 802	(D)	3 135 613	5 108 175	6 041 714	9 947 400
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	2 874	2 663	2 520	2 191	2 842	(NA)	(NA)	(NA)
farms--	121 498	116 729	118 929	110 327	112 814	160 884	210 338	237 969
acres--	250 559	241 584	244 457	225 714	228 343	254 703	385 857	408 982
Vegetables harvested for sale (see text) ¹⁰	1 008	1 011	968	931	1 005	1 319	1 640	2 347
farms--	16 325	15 307	14 812	15 422	15 626	16 611	18 466	20 324
Land in orchards	572	489	426	366	412	633	1 053	1 825
farms--	9 379	9 332	8 111	9 366	10 487	11 283	14 049	16 508

¹Data are based on a sample of farms.

²Data for 1974 and prior years include the value of forest products sold.

³Data for 1982 and prior years exclude abnormal farms.

⁴Data for 1959 are for \$10,000 or more.

⁵Data for 1954 are for \$25,000 or more.

⁶Data for 1974 apply only to individual or family operations (sole proprietorship) and partnerships; see text.

⁷Data for 1987 include cost of custom applications; data for agricultural chemicals exclude the cost of lime for 1987 and 1982.

⁸Data for 1982 do not include imputation for item nonresponse.

⁹Data for 1964 and prior years are for chickens 4 months old or older.

¹⁰Data for 1974 were from land area used.

Table 2. Market Value of Agricultural Products Sold: 1987, 1982, and 1978

[For meaning of abbreviations and symbols, see introductory text]

Item		1987	Percent of total in 1987	1982	1978
Total sales (see text) -----	farms-----	6 216	100.0	5 401	4 946
	\$1,000-----	340 464	100.0	281 436	211 994
Average per farm -----	dollars-----	54 772	(X)	52 108	42 862
Value of sales ¹ :					
Less than \$1,000 (see text) -----	farms-----	1 133	18.2	780	497
	\$1,000-----	254	.1	238	190
\$1,000 to \$2,499 -----	farms-----	1 034	16.6	842	841
	\$1,000-----	1 642	.5	1 344	1 373
\$2,500 to \$4,999 -----	farms-----	830	13.4	706	730
	\$1,000-----	2 911	.9	2 480	2 617
\$5,000 to \$9,999 -----	farms-----	720	11.6	655	636
	\$1,000-----	4 961	1.5	4 632	4 478
\$10,000 to \$19,999 -----	farms-----	591	9.5	525	504
	\$1,000-----	8 193	2.4	7 400	7 074
\$20,000 to \$24,999 -----	farms-----	179	2.9	165	173
	\$1,000-----	3 941	1.2	3 625	3 811
\$25,000 to \$39,999 -----	farms-----	356	5.7	364	370
	\$1,000-----	11 233	3.3	11 434	11 749
\$40,000 to \$49,999 -----	farms-----	138	2.2	162	182
	\$1,000-----	6 162	1.8	7 159	8 102
\$50,000 to \$99,999 -----	farms-----	515	8.3	544	506
	\$1,000-----	36 797	10.8	38 800	35 453
\$100,000 to \$249,999 -----	farms-----	475	7.6	431	351
	\$1,000-----	73 705	21.6	64 060	53 137
\$250,000 to \$499,999 -----	farms-----	148	2.4	139	87
	\$1,000-----	50 202	14.7	47 007	(D)
\$500,000 to \$999,999 ² -----	farms-----	53	.9	71	49
	\$1,000-----	34 959	10.3	91 907	(D)
\$1,000,000 or more -----	farms-----	44	.7	-	-
	\$1,000-----	105 504	31.0	-	-
Sales by commodity or commodity group:					
Crops, including nursery and greenhouse crops -----	farms-----	3 820	61.5	3 260	3 077
	\$1,000-----	215 855	63.4	139 428	100 079
Grains -----					
	farms-----	78	1.3	86	65
	\$1,000-----	785	.2	836	321
Corn for grain -----	farms-----	67	1.1	51	(NA)
	\$1,000-----	729	.2	(D)	(NA)
Wheat -----	farms-----	3	(Z)	3	(NA)
	\$1,000-----	(D)	(D)	(D)	(NA)
Soybeans -----	farms-----	-	-	3	(NA)
	\$1,000-----	-	-	(D)	(NA)
Sorghum for grain -----	farms-----	-	-	-	(NA)
	\$1,000-----	-	-	-	(NA)
Barley -----	farms-----	-	-	(NA)	(NA)
	\$1,000-----	-	-	(NA)	(NA)
Oats -----	farms-----	5	.1	3	(NA)
	\$1,000-----	(D)	(D)	(D)	(NA)
Other grains ³ -----	farms-----	7	.1	31	(NA)
	\$1,000-----	39	(Z)	52	(NA)
Cotton and cottonseed -----	farms-----	-	-	-	-
	\$1,000-----	-	-	-	-
Tobacco -----	farms-----	21	.3	46	44
	\$1,000-----	4 587	1.3	2 494	6 985
Hay, silage, and field seeds -----	farms-----	1 569	25.2	1 248	1 090
	\$1,000-----	7 803	2.3	5 624	4 469
Vegetables, sweet corn, and melons -----	farms-----	1 007	16.2	1 011	968
	\$1,000-----	25 179	7.4	19 199	13 450
Fruits, nuts, and berries -----	farms-----	1 186	19.1	1 002	907
	\$1,000-----	92 349	27.1	60 925	30 426
Nursery and greenhouse crops -----	farms-----	824	13.3	716	749
	\$1,000-----	80 867	23.8	46 465	41 032
Other crops -----	farms-----	114	1.8	134	158
	\$1,000-----	4 285	1.3	3 884	3 395
Livestock, poultry, and their products -----	farms-----	2 932	47.2	2 904	2 631
	\$1,000-----	124 609	36.6	142 008	111 915
Poultry and poultry products -----	farms-----	498	8.0	508	458
	\$1,000-----	23 149	6.8	25 456	18 504
Dairy products -----	farms-----	609	9.8	879	902
	\$1,000-----	63 309	18.6	80 840	61 549
Cattle and calves -----	farms-----	1 725	27.8	1 908	1 803
	\$1,000-----	11 297	3.3	12 212	12 181
Hogs and pigs -----	farms-----	387	6.2	451	435
	\$1,000-----	4 220	1.2	4 497	5 255
Sheep, lambs, and wool -----	farms-----	563	9.1	398	280
	\$1,000-----	884	.3	445	230
Other livestock and livestock products (see text) -----	farms-----	722	11.6	560	479
	\$1,000-----	21 749	6.4	18 559	14 195

¹Data for 1982 and 1978 exclude abnormal farms.

²Data for 1982 and 1978 are for \$500,000 or more.

³Data for 1982 include barley.

Table 3. Farm Production Expenses: 1987, 1982, and 1978

(Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text.)

Item	1987		1982	1978
	Farms	Expenses (\$1,000)		
Total farm production expenses	farms \$1,000--	6 216 (X) (X)	(X) 251 496 40 460	(NA) (NA) (NA)
Average per farm	dollars--			
Farms with expenses of—				
\$1 to \$4,999				
\$5,000 to \$9,999		2 401	6 963	(NA)
\$10,000 to \$24,999		1 307	9 417	(NA)
\$25,000 to \$49,999		1 038	16 658	(NA)
\$50,000 to \$99,999		526	19 043	(NA)
\$100,000 to \$249,999		500	36 723	(NA)
\$250,000 to \$499,999		281	43 102	(NA)
\$500,000 or more		98	32 818	(NA)
		65	86 772	(NA)
Livestock and poultry purchased	farms \$1,000--	1 559 (X) (X)	(X) 11 441 4.5	1 636 11 468 (NA)
Farms with expenses of—	percent of total--			
\$1 to \$999		739	238	788
\$1,000 to \$4,999		499	1 127	490
\$5,000 to \$9,999		111	713	144
\$10,000 to \$24,999 ¹		131	1 995	174
\$25,000 to \$49,999		52	1 760	—
\$50,000 to \$99,999		12	806	—
\$100,000 to \$249,999		12	1 852	—
\$250,000 or more		3	2 950	—
Feed for livestock and poultry	farms \$1,000--	2 893 (X) (X)	(X) 33 525 13.3	2 947 47 203 (NA)
Farms with expenses of—	percent of total--			
\$1 to \$999		1 340	597	974
\$1,000 to \$4,999		790	1 582	938
\$5,000 to \$9,999		205	1 370	188
\$10,000 to \$24,999 ¹		243	3 645	856
\$25,000 to \$49,999		168	5 745	—
\$50,000 to \$79,999		81	5 067	747
\$80,000 to \$99,999		22	2 005	—
\$100,000 or more		44	13 513	100
Commercially mixed formula feeds	farms \$1,000--	1 552 (X) (X)	(X) 26 256 10.4	1 997 36 846 (NA)
Farms with expenses of—	percent of total--			
\$1 to \$999		707	238	580
\$1,000 to \$4,999		285	560	533
\$5,000 to \$9,999		115	835	184
\$10,000 to \$24,999 ¹		207	3 193	557
\$25,000 to \$49,999		129	4 321	—
\$50,000 to \$79,999		63	3 957	—
\$80,000 or more		46	13 152	143
Seeds, bulbs, plants, and trees	farms \$1,000--	2 429 (X) (X)	(X) 6 227 2.5	2 068 5 996 (NA)
Farms with expenses of—	percent of total--			
\$1 to \$499		1 256	229	1 048
\$500 to \$999		395	274	349
\$1,000 to \$4,999		618	1 277	487
\$5,000 to \$9,999		63	386	108
\$10,000 to \$19,999		47	599	28
\$20,000 to \$24,999		11	225	34
\$25,000 or more		39	3 237	48
Commercial fertilizer ²	farms \$1,000--	3 858 (X) (X)	(X) 8 953 3.6	3 284 7 155 (NA)
Farms with expenses of—	percent of total--			
\$1 to \$499		1 793	353	1 371
\$500 to \$999		555	370	663
\$1,000 to \$4,999		1 072	2 248	923
\$5,000 to \$9,999		249	1 586	181
\$10,000 to \$24,999 ¹		149	2 091	234
\$25,000 to \$29,999		11	297	123
\$30,000 to \$49,999		17	585	—
\$50,000 to \$99,999		7	490	—
\$100,000 or more		5	932	—
Agricultural chemicals ²	farms \$1,000--	3 027 (X) (X)	(X) 7 319 2.9	2 456 4 885 (NA)
Farms with expenses of—	percent of total--			
\$1 to \$499		1 530	260	1 390
\$500 to \$999		479	308	357
\$1,000 to \$4,999		710	1 554	494
\$5,000 to \$9,999		156	1 008	131
\$10,000 to \$24,999		108	1 554	—
\$25,000 to \$49,999		29	1 010	84
\$50,000 or more		15	1 625	62
Petroleum products	farms \$1,000--	5 859 (X) (X)	(X) 12 042 4.8	5 323 16 641 (NA)
Farms with expenses of—	percent of total--			
\$1 to \$999		3 669	1 171	2 992
\$1,000 to \$4,999		1 769	3 986	1 625
\$5,000 to \$9,999		232	1 604	384
\$10,000 to \$24,999 ¹		137	2 052	276
\$25,000 to \$39,999		23	716	—
\$40,000 to \$49,999		9	392	—
\$50,000 or more		20	2 121	46

See footnotes at end of table.

Table 3. Farm Production Expenses: 1987, 1982, and 1978—Con.

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	1987		1982	1978
	Farms	Expenses (\$1,000)		
Total farm production expenses—Con.				
Electricity	farms \$1,000 percent of total	4 286 (X) (X)	(X) 5 959 2.4	3 622 5 874 (NA)
Farms with expenses of—				
\$1 to \$499		2 490	430	1 795
\$500 to \$999		661	442	534
\$1,000 to \$1,999		482	628	631
\$2,000 to \$4,999		413	1 247	440
\$5,000 to \$9,999		159	1 065	333
\$10,000 to \$24,999		66	884	222
\$25,000 or more		15	1 264	96
Hired farm labor	farms \$1,000 percent of total	2 185 (X) (X)	(X) 66 579 26.5	2 412 43 109 (NA)
Farms with expenses of—				
\$1 to \$999		624	228	641
\$1,000 to \$4,999		471	1 228	862
\$5,000 to \$9,999		211	1 490	273
\$10,000 to \$24,999		406	6 360	329
\$25,000 to \$49,999		243	8 038	698
\$50,000 to \$79,999		100	6 026	-
\$80,000 to \$99,999		19	(D)	-
\$100,000 or more		111	(D)	161
Contract labor	farms \$1,000 percent of total	1 025 (X) (X)	(X) 7 906 3.1	429 2 604 (NA)
Farms with expenses of—				
\$1 to \$999		408	176	176
\$1,000 to \$4,999		332	718	161
\$5,000 to \$9,999		103	628	40
\$10,000 to \$24,999		128	1 844	55
\$25,000 to \$49,999		20	626	52
\$50,000 or more		34	3 913	32
Repair and maintenance	farms \$1,000 percent of total	5 222 (X) (X)	(X) 16 873 6.7	(NA) (NA) (NA)
Farms with expenses of—				
\$1 to \$999		2 466	969	(NA)
\$1,000 to \$4,999		1 887	4 110	(NA)
\$5,000 to \$9,999		508	3 276	(NA)
\$10,000 to \$24,999		277	3 929	(NA)
\$25,000 to \$49,999		55	1 873	(NA)
\$50,000 or more		29	2 715	(NA)
Customwork, machine hire, and rental of machinery and equipment ³	farms \$1,000 percent of total	1 276 (X) (X)	(X) 3 570 1.4	1 224 3 517 (NA)
Farms with expenses of—				
\$1 to \$999		781	248	833
\$1,000 to \$4,999		362	770	288
\$5,000 to \$9,999		82	537	61
\$10,000 to \$24,999		33	480	19
\$25,000 to \$49,999		8	270	42
\$50,000 or more		10	1 264	22
Interest ⁴	farms \$1,000 percent of total	1 981 (X) (X)	(X) 13 788 5.5	1 803 10 141 (NA)
Farms with expenses of—				
\$1 to \$999		531	221	615
\$1,000 to \$4,999		864	2 064	644
\$5,000 to \$9,999		283	1 883	235
\$10,000 to \$24,999		202	3 132	(NA)
\$25,000 to \$49,999		59	2 051	309
\$50,000 to \$99,999		29	1 966	(NA)
\$100,000 or more		13	2 470	(NA)
Interest paid on debt:				
Secured by real estate		1 410	10 563	(NA)
Not secured by real estate		950	3 225	(NA)
Cash rent	farms \$1,000 percent of total	1 092 (X) (X)	(X) 3 848 1.5	(NA) (NA) (NA)
Farms with expenses of—				
\$1 to \$499		299	61	(NA)
\$500 to \$999		207	137	(NA)
\$1,000 to \$4,999		412	905	(NA)
\$5,000 to \$9,999		86	582	(NA)
\$10,000 to \$24,999		65	959	(NA)
\$25,000 to \$49,999		11	385	(NA)
\$50,000 or more		12	618	(NA)
Property taxes paid	farms \$1,000 percent of total	5 817 (X) (X)	(X) 15 219 6.1	(NA) (NA) (NA)
Farms with expenses of—				
\$1 to \$499		891	215	(NA)
\$500 to \$999		845	597	(NA)
\$1,000 to \$4,999		3 504	7 806	(NA)
\$5,000 to \$9,999		397	2 616	(NA)
\$10,000 to \$24,999		150	2 014	(NA)
\$25,000 or more		30	1 971	(NA)

See footnotes at end of table.

Table 3. Farm Production Expenses: 1987, 1982, and 1978—Con.

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	1987		1982	1978
	Farms	Expenses (\$1,000)		
Total farm production expenses—Con.				
All other farm production expenses	5 700	(X)	38 248	(NA)
\$1,000—	(X)		15.2	(NA)
percent of total—	(X)			(NA)
Farms with expenses of—				
\$1 to \$999	2 757		1 110	(NA)
\$1,000 to \$4,999	1 937		3 960	(NA)
\$5,000 to \$9,999	371		2 542	(NA)
\$10,000 to \$24,999	373		5 590	(NA)
\$25,000 to \$49,999	143		4 785	(NA)
\$50,000 to \$99,999	70		4 572	(NA)
\$100,000 or more	49		15 690	(NA)

¹Data for 1978 are for \$10,000 or more.

²Data for 1987 include cost of custom applications; data for agricultural chemicals exclude the cost of lime for 1987 and 1982.

³Data for 1987 exclude cost of custom applications for commercial fertilizer and agricultural chemicals.

⁴Data for 1982 do not include imputation for item nonresponse.

Table 4. Net Cash Return From Agricultural Sales: 1987

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	All farms	Farms with sales of \$10,000 or more	Farms with sales of less than \$10,000
Net cash return from agricultural sales for the farm unit (see text)	6 216	2 490	3 726
farms—	6 216	2 490	3 726
\$1,000—	84 172	99 131	-14 959
dollars—	13 541	39 811	-4 015
Average per farm—			
Farms with net gains ¹	3 017	2 084	933
number—	3 017	2 084	933
\$1,000—	106 761	104 955	1 806
dollars—	35 387	50 362	1 936
Average per farm—			
Gain of—			
Less than \$1,000	374	24	350
\$1,000 to \$4,999	820	284	536
\$5,000 to \$9,999	311	264	47
\$10,000 to \$24,999	666	666	—
\$25,000 to \$49,999	411	411	—
\$50,000 or more	435	435	—
Farms with net losses	3 199	406	2 793
number—	3 199	406	2 793
\$1,000—	22 590	5 825	16 765
dollars—	7 062	14 346	6 003
Average per farm—			
Loss of—			
Less than \$1,000	463	39	424
\$1,000 to \$4,999	1 607	122	1 485
\$5,000 to \$9,999	588	63	525
\$10,000 to \$24,999	369	113	256
\$25,000 to \$49,999	121	51	70
\$50,000 or more	51	18	33

¹Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than \$1,000.

Table 5. Government Payments and Other Farm-Related Income: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms		Farms with sales of \$10,000 or more	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Government payments	1987	400	2 213	244
Average per farm ¹	1987	(X)	5 533	(X)
Farms with receipts of—				
\$1 to \$999		231	86	106
\$1,000 to \$4,999		114	247	92
\$5,000 to \$9,999		29	200	21
\$10,000 to \$24,999		15	233	14
\$25,000 to \$49,999		6	194	6
\$50,000 or more		5	1 254	5
Amount received in cash	1987	353	1 967	215
Value of certificates received	1987	127	246	98
Other farm-related income, gross before taxes and expenses ²	1987	1 361	5 802	570
Average per farm ¹	1987	(X)	4 263	(X)
Farms with receipts of—				
\$1 to \$999		602	233	187
\$1,000 to \$4,999		440	1 050	171
\$5,000 to \$9,999		195	1 400	103
\$10,000 to \$24,999		89	1 418	84
\$25,000 to \$49,999		26	777	17
\$50,000 or more		9	924	8
Customwork and other agricultural services ³	1987	449	2 163	186
Average per farm ¹	1982	351	909	179
1987 farms with receipts of—				
\$1 to \$999		192	83	52
\$1,000 to \$4,999		138	320	42
\$5,000 to \$9,999		66	447	44
\$10,000 to \$24,999		43	682	40
\$25,000 to \$49,999		8	(D)	7
\$50,000 or more		2	(D)	1
Rental of farmland	1987	300	477	122
Average per farm ¹	1987	(X)	1 591	(X)
Farms with receipts of—				
\$1 to \$999		194	90	67
\$1,000 to \$4,999		72	147	37
\$5,000 to \$9,999		33	(D)	18
\$10,000 to \$24,999		1	(D)	—
\$25,000 or more		—	—	—
Sales of forest products and Christmas trees	1987	570	1 780	187
Average per farm ¹	1987	(X)	3 122	(X)
Farms with receipts of—				
\$1 to \$999		261	70	55
\$1,000 to \$4,999		228	528	74
\$5,000 to \$9,999		41	288	24
\$10,000 to \$24,999		28	400	27
\$25,000 or more		12	492	7
Other farm-related income sources	1987	368	1 382	208
Average per farm ¹	1987	(X)	3 756	(X)
Farms with receipts of—				
\$1 to \$999		166	43	91
\$1,000 to \$4,999		115	230	67
\$5,000 to \$9,999		60	420	28
\$10,000 to \$24,999		14	218	12
\$25,000 or more		13	471	10

¹Data are in whole dollars.

²Data are based on a sample of farms.

³Data for 1987 are based on a sample of farms; data for 1982 are nonsample and exclude abnormals from farms with sales of \$10,000 or more.

Table 6. Commodity Credit Corporation Loans: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

CCC loans	1987		1982	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Total	8	159	3	(D)
Average per farm ¹	(X)	19 866	(X)	(D)
Farms with loans of—				
\$1 to \$999	—	—	—	(D)
\$1,000 to \$4,999	3	3	1	(D)
\$5,000 to \$9,999	—	—	—	(D)
\$10,000 to \$19,999	2	(D)	1	(D)
\$20,000 to \$24,999	—	—	—	(D)
\$25,000 to \$49,999	1	(D)	1	(D)
\$50,000 or more	2	(D)	—	(D)
Corn	5	(D)	(NA)	(NA)
Average per farm ¹	(X)	(D)	(X)	(NA)
Farms with loans of—				
\$1 to \$999	—	—	(NA)	(NA)
\$1,000 to \$9,999	1	(D)	(NA)	(NA)
\$10,000 to \$24,999	2	(D)	(NA)	(NA)
\$25,000 or more	2	(D)	(NA)	(NA)
Wheat	—	—	—	—
Average per farm ¹	(X)	—	(X)	—
Farms with loans of—				
\$1 to \$999	—	—	(NA)	(NA)
\$1,000 to \$9,999	—	—	(NA)	(NA)
\$10,000 to \$24,999	—	—	(NA)	(NA)
\$25,000 or more	—	—	(NA)	(NA)
Soybeans	—	—	(NA)	(NA)
Average per farm ¹	(X)	—	(X)	(NA)
Farms with loans of—				
\$1 to \$999	—	—	(NA)	(NA)
\$1,000 to \$9,999	—	—	(NA)	(NA)
\$10,000 to \$24,999	—	—	(NA)	(NA)
\$25,000 or more	—	—	(NA)	(NA)
Sorghum, barley, and oats	—	—	(NA)	(NA)
Average per farm ¹	(X)	—	(X)	(NA)
Farms with loans of—				
\$1 to \$999	—	—	(NA)	(NA)
\$1,000 to \$9,999	—	—	(NA)	(NA)
\$10,000 to \$24,999	—	—	(NA)	(NA)
\$25,000 or more	—	—	(NA)	(NA)
Cotton	—	—	—	—
Average per farm ¹	(X)	—	(X)	—
Farms with loans of—				
\$1 to \$999	—	—	(NA)	(NA)
\$1,000 to \$9,999	—	—	(NA)	(NA)
\$10,000 to \$24,999	—	—	(NA)	(NA)
\$25,000 or more	—	—	(NA)	(NA)
Peanuts, rye, rice, tobacco, and honey	3	(D)	(NA)	(NA)
Average per farm ¹	(X)	(D)	(X)	(X)
Farms with loans of—				
\$1 to \$999	—	—	(NA)	(NA)
\$1,000 to \$9,999	2	(D)	(NA)	(NA)
\$10,000 to \$24,999	—	—	(NA)	(NA)
\$25,000 or more	1	(D)	(NA)	(NA)

¹Data are in whole dollars.

Table 7. Land Use and Acres Diverted: 1987, 1982, and 1978

[For meaning of abbreviations and symbols, see introductory text]

All farms	1987	Percent of total in 1987	1982	1978
Farms-----	6 216	100.0	5 401	4 946
Land in farms-----	615 185	100.0	612 819	617 359
Total cropland-----	5 654	91.0	4 941	4 645
farms-----	272 588	44.3	265 866	276 686
Harvested cropland-----	5 084	81.8	4 608	4 397
acres-----	194 874	31.7	197 769	197 405
Farms by acres harvested:				
1 to 49 acres-----	4 028	64.8	3 501	3 222
farms-----	1 900	30.6	1 626	1 415
acres-----	965	15.5	759	688
10 to 19 acres-----	572	9.2	525	490
farms-----	591	9.5	591	629
20 to 29 acres-----	544	8.8	571	625
farms-----	336	5.4	356	389
200 to 499 acres-----	153	2.5	160	142
farms-----	21	.3	16	16
500 to 999 acres-----	2	(Z)	4	3
farms-----	1	(Z)	3	2
1,000 acres or more-----	1	(Z)	1	1
farms-----	1	(Z)	1	1
Cropland used only for pasture or grazing-----	2 164	34.8	1 853	1 845
farms-----	52 884	8.6	51 683	62 358
acres-----	1 267	20.4	903	1 021
Other cropland-----	24 830	4.0	16 414	16 923
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured-----	362	5.8	284	305
farms-----	6 986	1.1	4 795	4 112
acres-----	208	3.3	207	124
Cropland on which all crops failed-----	1 531	.2	1 954	837
farms-----	73	1.2	81	106
acres-----	946	.2	615	1 308
Cropland in cultivated summer fallow-----	857	13.8	518	619
farms-----	15 367	2.5	9 050	10 666
Total woodland-----	3 382	54.4	3 273	2 982
farms-----	225 442	36.6	252 050	252 134
acres-----	1 049	16.9	982	865
Woodland pastured-----	35 745	5.8	35 317	36 394
farms-----	2 933	47.2	2 920	2 618
acres-----	189 697	30.8	216 733	215 740
Woodland not pastured-----				
Pastureland and rangeland other than cropland and woodland pastured-----	1 269	20.4	871	661
farms-----	44 998	7.3	32 021	28 882
acres-----	4 123	66.3	3 732	3 261
Land in house lots, ponds, roads, wasteland, etc.-----	72 157	11.7	62 882	59 657
Cropland under federal acreage reduction programs:				
Annual commodity acreage adjustment programs-----	23	(X)	11	48
farms-----	829	(X)	103	1 077
acres-----	19	(X)	(NA)	(NA)
Conservation reserve program-----	677	(X)	(NA)	(NA)

Table 8. Land in Farms, Harvested Cropland, and Irrigated Land, by Size of Farm: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

All farms	Farms		Land in farms (acres)		Harvested cropland (acres)		Irrigated land (acres)	
	1987	1982	1987	1982	1987	1982	1987	1982
Land in farms	6 216	5 401	615 185	612 819	194 874	197 769	20 158	17 331
Farms by size:								
1 to 9 acres	1 105	920	4 911	(D)	1 798	(D)	722	505
10 to 49 acres	2 125	1 652	52 758	41 861	17 299	15 078	3 371	2 842
50 to 69 acres	587	490	33 925	28 228	10 962	9 403	1 399	1 362
70 to 99 acres	539	478	44 465	39 200	14 596	12 552	1 246	1 175
100 to 139 acres	566	521	65 401	60 479	19 876	19 381	1 974	1 644
140 to 179 acres	324	325	50 600	51 197	14 414	16 550	1 467	1 248
180 to 219 acres	264	271	52 297	53 637	16 492	18 843	983	747
220 to 259 acres	163	166	38 800	39 647	13 816	12 870	659	486
260 to 499 acres	386	419	134 194	146 526	44 663	46 841	3 657	3 110
500 to 999 acres	126	130	79 966	81 458	26 351	29 093	1 449	951
1,000 to 1,999 acres	26	21	34 020	27 230	8 500	8 055	(D)	804
2,000 acres or more	5	8	23 848	(D)	6 107	(D)	(D)	2 457
5,000 acres or more	1	2	(D)	(D)	(D)	(D)	(D)	(D)
Farms with harvested cropland	5 084	4 608	564 464	579 315	194 874	197 769	19 946	17 276
Farms by size:								
1 to 9 acres	742	637	3 306	(D)	1 798	(D)	706	501
10 to 49 acres	1 622	1 338	40 836	34 763	17 299	15 078	3 295	2 791
50 to 69 acres	512	420	29 702	24 272	10 962	9 403	1 399	1 362
70 to 99 acres	486	439	40 069	36 119	14 596	12 552	1 246	1 175
100 to 139 acres	510	485	58 946	56 294	19 876	19 381	1 854	1 644
140 to 179 acres	294	299	46 002	47 109	14 414	16 550	1 467	1 248
180 to 219 acres	249	266	49 438	52 622	16 492	18 843	983	747
220 to 259 acres	156	162	37 083	38 692	13 816	12 870	659	486
260 to 499 acres	364	408	127 106	142 675	44 663	46 841	3 657	3 110
500 to 999 acres	119	126	75 758	79 132	26 351	29 093	1 449	951
1,000 to 1,999 acres	25	20	32 370	25 330	8 500	8 055	(D)	804
2,000 acres or more	5	8	23 848	(D)	6 107	(D)	(D)	2 457
5,000 acres or more	1	2	(D)	(D)	(D)	(D)	(D)	(D)
Farms with irrigated land	1 316	1 000	109 552	90 084	32 005	25 283	20 158	17 331
Farms by size:								
1 to 9 acres	367	242	1 511	1 028	762	517	722	505
10 to 49 acres	484	380	11 831	9 603	4 258	3 648	3 371	2 842
50 to 69 acres	113	86	6 599	4 935	2 088	2 072	1 399	1 362
70 to 99 acres	78	75	6 323	5 949	2 295	1 917	1 246	1 175
100 to 139 acres	76	73	8 680	8 353	2 986	2 824	1 974	1 644
140 to 179 acres	52	37	8 059	5 814	2 635	2 009	1 467	1 248
180 to 219 acres	38	24	7 499	4 777	2 423	1 785	983	747
220 to 259 acres	26	14	6 113	3 350	2 081	727	659	486
260 to 499 acres	59	48	20 496	16 276	5 855	3 976	3 657	3 110
500 to 999 acres	13	14	7 687	8 766	2 433	1 775	1 449	951
1,000 to 1,999 acres	8	4	(D)	5 159	(D)	965	(D)	804
2,000 acres or more	2	3	(D)	16 074	(D)	3 068	(D)	2 457
5,000 acres or more	1	1	(D)	(D)	(D)	(D)	(D)	(D)

Table 9. Irrigation: 1987, 1982, and 1978

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation	1987	1982	1978	Farms with irrigation	1987	1982	1978
Farms ----- number -----	1 316	1 000	966	Irrigated land—Con.			
Proportion of farms ----- percent -----	21.2	18.5	19.5	Acres irrigated—Con.			
Irrigated land ----- acres -----	20 158	17 331	16 753	200 to 499 acres ----- farms -----	10	8	4
Average per farm ----- acres -----	15	17	17	500 to 999 acres ----- farms -----	(D)	(D)	(D)
Acres irrigated:				acres ----- farms -----	1	1	1
1 to 9 acres ----- farms -----	888	651	613	acres ----- farms -----	(D)	(D)	(D)
acres -----	2 540	2 102	1 910	1,000 acres or more ----- farms -----	1	1	1
10 to 49 acres ----- farms -----	358	288	289	acres ----- farms -----	(D)	(D)	(D)
acres -----	7 675	6 292	6 149	acres ----- farms -----	(D)	(D)	(D)
50 to 99 acres ----- farms -----	39	34	39	acres ----- farms -----	(D)	(D)	(D)
acres -----	2 727	2 342	2 734	Irrigated land use:			
100 to 199 acres ----- farms -----	19	17	19	Harvested cropland ----- farms -----	1 290	989	959
acres -----	2 489	2 197	2 564	acres -----	19 566	17 012	16 588
				Pastureland and other land ----- farms -----	60	31	(NA)
				acres -----	592	319	165
				Land in irrigated farms ----- acres -----	109 552	90 084	91 080
				Cropland ----- acres -----	39 116	30 394	31 014
				Harvested cropland ----- acres -----	32 005	25 283	25 721

Table 10. Selected Characteristics of Irrigated and Nonirrigated Farms: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	All farms		Irrigated farms				Nonirrigated farms	
			Any land irrigated		All harvested cropland irrigated			
	1987	1982	1987	1982	1987	1982	1987	1982
Farms -----	6 216	5 401	1 316	1 000	973	748	4 900	4 401
Land in farms -----	615 185	612 819	109 552	90 084	70 399	60 620	505 633	522 735
Value of land and buildings ¹ : -----								
Average per farm -----	346 530	205 677	399 533	275 900	362 252	271 437	330 201	188 243
Average per acre -----	3 553	1 963	4 734	3 263	5 086	3 515	3 251	1 715
Irrigated land -----	acres-----	20 158	17 331	20 158	17 331	15 671	13 704	(X)
Land in farms according to use: -----								
Total cropland -----	farms-----	5 654	4 941	1 314	999	973	748	4 340
acres-----	272 588	265 866	39 116	30 394	18 839	15 709	233 472	235 472
Harvested cropland -----	farms-----	5 084	4 608	1 299	996	973	748	3 785
acres-----	194 874	197 769	32 005	25 283	15 511	13 506	162 869	172 486
Pastureland, excluding woodland pastured -----	farms-----	3 017	2 497	238	171	131	100	2 779
acres-----	97 882	83 704	15 705	4 746	13 081	2 822	82 177	78 958
Land set aside in federal farm programs -----	farms-----	42	(NA)	4	(NA)	-	(NA)	38
acres-----	1 506	(NA)	95	(NA)	-	(NA)	1 411	(NA)
Owned and rented land in farms: -----								
Owned land in farms -----	farms-----	5 762	(NA)	1 206	(NA)	887	(NA)	4 556
acres-----	491 079	(NA)	93 950	(NA)	65 442	(NA)	397 129	(NA)
Rented or leased land in farms -----	farms-----	1 903	1 876	363	(NA)	181	(NA)	1 540
acres-----	124 106	126 482	15 602	(NA)	4 957	(NA)	108 504	(NA)
Market value of agricultural products sold -----	\$1,000-----	340 464	281 436	176 368	102 411	129 759	77 986	164 097
Average per farm -----	dollars-----	54 772	52 108	134 018	102 411	133 360	104 259	33 489
Crops, including nursery and greenhouse crops -----	farms-----	3 820	3 260	1 277	984	959	741	2 543
\$1,000-----	215 855	139 428	173 841	100 572	129 574	77 510	42 014	38 856
Livestock, poultry, and their products -----	farms-----	2 932	2 904	175	145	76	77	2 757
\$1,000-----	124 609	142 008	2 527	1 840	185	476	122 082	140 168
Total farm production expenses ¹ -----	\$1,000-----	251 496	(NA)	115 599	(NA)	81 235	(NA)	135 897
Average per farm -----	dollars-----	40 460	(NA)	78 961	(NA)	75 921	(NA)	28 598
Livestock and poultry purchased -----	farms-----	1 559	1 636	113	(NA)	53	(NA)	1 446
\$1,000-----	11 441	11 468	253	(NA)	52	(NA)	11 188	(NA)
Feed for livestock and poultry -----	farms-----	2 893	2 947	205	158	112	63	2 688
\$1,000-----	33 525	47 203	890	856	130	(D)	32 635	46 348
Seeds, bulbs, plants, and trees -----	farms-----	2 429	2 068	799	418	488	193	1 630
\$1,000-----	6 227	5 996	4 418	4 143	2 667	2 244	1 810	1 853
Commercial fertilizer ² -----	farms-----	3 858	3 284	1 357	948	976	673	2 501
\$1,000-----	8 953	7 155	3 938	2 220	2 643	1 314	5 015	4 934
Agricultural chemicals ² -----	farms-----	3 027	2 456	1 268	908	939	648	1 759
\$1,000-----	7 319	4 885	4 835	2 692	3 482	1 987	2 483	2 194
Petroleum products -----	farms-----	5 859	5 323	1 413	(NA)	1 031	(NA)	4 446
\$1,000-----	12 042	16 641	6 395	(NA)	4 426	(NA)	5 647	(NA)
Electricity -----	farms-----	4 286	3 622	1 072	(NA)	728	(NA)	3 214
\$1,000-----	5 959	5 874	2 150	(NA)	1 530	(NA)	3 809	(NA)
Hired farm labor -----	farms-----	2 185	2 412	851	563	596	334	1 334
\$1,000-----	66 579	43 109	42 868	19 036	29 424	13 044	23 711	1 849
Contract labor -----	farms-----	1 025	429	435	223	346	156	590
\$1,000-----	7 906	2 604	5 600	1 746	4 052	1 258	2 206	858
Repairs and maintenance -----	farms-----	5 222	(NA)	1 294	(NA)	945	(NA)	3 928
\$1,000-----	16 873	(NA)	7 890	(NA)	5 324	(NA)	8 983	(NA)
Customwork, machine hire, and rental of machinery and equipment ³ -----	farms-----	1 276	1 224	452	(NA)	340	(NA)	824
\$1,000-----	3 570	3 517	2 599	(NA)	2 082	(NA)	971	(NA)
Interest ⁴ -----	farms-----	1 981	1 803	607	424	426	265	1 374
\$1,000-----	13 788	10 141	6 717	2 881	5 206	2 003	7 071	1 379
Cash rent paid for land and buildings -----	farms-----	1 092	(NA)	246	(NA)	112	(NA)	846
\$1,000-----	3 848	(NA)	1 450	(NA)	674	(NA)	2 398	(NA)
Property taxes paid -----	farms-----	5 817	(NA)	1 363	(NA)	978	(NA)	4 454
\$1,000-----	15 219	(NA)	5 913	(NA)	4 681	(NA)	9 306	(NA)
All other farm production expenses -----	farms-----	5 700	(NA)	1 431	(NA)	1 054	(NA)	4 269
\$1,000-----	38 248	(NA)	19 684	(NA)	14 862	(NA)	18 564	(NA)
Commodity Credit Corporation loans -----	farms-----	8	3	-	(NA)	-	(NA)	8
\$1,000-----	159	(D)	-	(NA)	-	(NA)	159	(NA)
Government payments received -----	farms-----	400	(NA)	59	(NA)	14	(NA)	341
\$1,000-----	2 213	(NA)	130	(NA)	16	(NA)	2 084	(NA)
Other farm-related income ¹ -----	farms-----	1 361	(NA)	295	(NA)	149	(NA)	1 066
\$1,000-----	5 802	(NA)	1 448	(NA)	939	(NA)	4 354	(NA)
Estimated market value of all machinery and equipment ¹ -----	farms-----	6 207	5 394	1 464	1 073	1 070	756	4 743
\$1,000-----	198 868	153 346	75 213	45 334	54 329	31 148	123 655	108 012
Average per farm -----	dollars-----	32 039	28 429	51 375	42 250	50 774	41 200	26 071
Inventory of livestock:								
Cattle and calves -----	farms-----	2 112	2 311	83	82	25	30	2 029
number-----	83 065	102 366	1 941	1 137	289	(D)	81 124	101 229
Milk cows -----	farms-----	838	1 111	25	14	5	5	813
number-----	36 913	49 891	702	382	16	40	36 211	49 509
Hogs and pigs -----	farms-----	498	619	35	54	13	23	463
number-----	25 816	39 570	473	1 273	99	416	25 343	38 297
Sheep and lambs -----	farms-----	604	452	45	38	23	24	559
number-----	14 761	9 846	626	385	195	146	14 135	9 461

¹Data are based on a sample of farms.²Data for 1987 include cost of custom applications.³Data for 1987 exclude cost of custom applications for commercial fertilizer and agricultural chemicals.⁴Data for 1982 do not include imputation for item nonresponse.

Table 11. Value of Land and Buildings: 1987, 1982, and 1978

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Value of land and buildings	1987		1982	1978
	Farms	Value (\$1,000)		
Estimated market value of land and buildings.....	6 216	(X)	5 400	4 946
Farms.....			1 110 655	906 797
\$1,000.....		2 154 033	205 677	183 339
Average per farm.....		346 530	1 963	1 443
Average per acre.....		3 553		
Farms by value group:				
\$1 to \$39,999.....	840	13 695	753	937
\$40,000 to \$69,999.....	488	25 532	805	881
\$70,000 to \$99,999.....	455	37 773	654	593
\$100,000 to \$149,999.....	771	88 545	895	761
\$150,000 to \$199,999.....	761	126 414	619	442
\$200,000 to \$499,999.....	1 921	571 344	1 240	981
\$500,000 to \$999,999.....	786	523 070	286	241
\$1,000,000 to \$1,999,999.....	268	322 330		
\$2,000,000 to \$4,999,999.....	114	297 672	148	110
\$5,000,000 or more.....	12	147 658		

Table 12. Value of Machinery and Equipment on Place: 1987 and 1982

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Value of machinery and equipment	1987		1982	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Estimated market value of all machinery and equipment.....	6 207	198 868	5 394	153 346
Average per farm ¹	(X)	32 039	(X)	28 429
By value group:				
\$1 to \$4,999.....	679	1 753	604	1 792
\$5,000 to \$9,999.....	1 428	9 315	1 439	9 385
\$10,000 to \$19,999.....	1 271	16 641	1 266	16 557
\$20,000 to \$29,999.....	1 023	23 754	668	15 419
\$30,000 to \$49,999.....	878	24 536	536	19 641
\$50,000 to \$69,999.....	451	24 922	366	20 317
\$70,000 to \$99,999.....	253	20 346	222	17 669
\$100,000 to \$199,999.....	327	41 448	217	27 460
\$200,000 to \$499,999.....	86	23 405	68	(D)
\$500,000 to \$999,999.....	9	5 549		
\$1,000,000 or more.....	4	7 200	8	(D)

¹Data are in whole dollars.

Table 13. Selected Machinery and Equipment on Place: 1987 and 1982

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Selected machinery and equipment	1987						1982		
	Total		Manufactured 1983 to 1987		Manufactured prior to 1983		Farms	Number	Number manufactured 1978 to 1982
	Farms	Number	Farms	Number	Farms	Number			
Motortrucks, including pickups.....	5 204	10 957	2 062	2 779	4 224	8 178	4 503	9 376	2 220
2 or 3.....	1 838	4 281	360	813	1 468	3 409	1 765	4 016	(D)
4 or more.....	691	4 001	53	317	431	2 444	537	3 159	(D)
Wheel tractors.....	5 360	13 160	1 370	1 901	4 822	11 259	4 248	9 956	1 272
2 or 3.....	2 407	5 742	311	698	2 124	4 978	1 929	4 535	424
4 or more.....	1 017	5 482	35	179	832	4 415	783	3 885	106
Less than 40 horsepower (PTO).....	4 235	7 624	754	872	3 731	6 752	(NA)	(NA)	(NA)
40 horsepower (PTO) or more.....	2 915	5 536	798	1 029	2 522	4 507	(NA)	(NA)	(NA)
Grain and bean combines ¹	52	60	6	6	46	54	21	23	4
Cottonpickers and strippers.....	—	—	—	—	—	—	—	—	—
Mower conditioners.....	1 586	1 783	515	552	1 103	1 231	1 398	1 533	408
Pickup balers.....	1 820	1 993	228	244	1 639	1 749	1 604	1 704	251

¹Data for 1982 include self-propelled only.

Table 14. Petroleum Products Expenses: 1987, 1982, and 1978

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	1987		1982	1978
	Farms	Expenses (\$1,000)		
Petroleum products				
farms	5 859	(X)	5 323	4 900
\$1,000		12 042	16 641	11 733
Average per farm	(X)	2 055	3 126	2 394
dollars	(X)			
Gasoline and gasohol				
farms	5 243	(X)	5 034	4 706
\$1,000		5 325	6 750	4 641
Average per farm	(X)	1 016	1 341	986
Farms with expenses of—				
\$1 to \$499				
\$500 to \$999	2 945	554	2 581	2 486
\$1,000 to \$1,999	806	517	726	834
\$2,000 to \$4,999	723	912	729	766
\$5,000 to \$9,999	613	1 613	726	507
\$10,000 to \$24,999	105	672	199	76
\$25,000 or more	42	560	73	37
9	497			
Diesel fuel				
farms	2 743	(X)	2 028	1 550
\$1,000		2 585	2 465	1 072
Average per farm	(X)	942	1 216	692
dollars	(X)			
Farms with expenses of—				
\$1 to \$499				
\$500 to \$999	1 669	321	1 053	971
\$1,000 to \$1,999	467	296	370	302
\$2,000 to \$4,999	279	373	278	153
\$5,000 to \$9,999	240	656	234	100
\$10,000 to \$24,999	59	410	60	16
\$25,000 or more	22	320	33	8
7	209			
Natural gas				
farms	175	(X)	103	94
\$1,000		841	872	165
Average per farm	(X)	4 807	8 469	1 755
dollars	(X)			
Farms with expenses of—				
\$1 to \$99				
\$100 to \$499	39	1	3	14
\$500 to \$999	21	8	32	39
\$1,000 to \$1,999	22	12	10	12
\$2,000 to \$4,999	30	41	12	13
\$5,000 to \$9,999	27	90	17	10
\$10,000 or more	20	124	29	6
16	566			
LP gas, fuel oil, kerosene, motor oil, grease, etc.				
farms	3 773	(X)	(NA)	(NA)
\$1,000		3 291	6 553	5 854
Average per farm	(X)	872	(NA)	(NA)
dollars	(X)			
Farms with expenses of—				
\$1 to \$99				
\$100 to \$499	1 490	70	(NA)	(NA)
\$500 to \$999	1 394	292	(NA)	(NA)
\$1,000 to \$1,999	418	276	(NA)	(NA)
\$2,000 to \$4,999	251	320	(NA)	(NA)
\$5,000 to \$9,999	118	325	(NA)	(NA)
\$10,000 or more	50	358	(NA)	(NA)
52	1 650	(NA)	(NA)	(NA)

Table 15. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987, 1982, and 1978

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Chemicals used	1987	1982	1978	Chemicals used	1987	1982	1978
Any chemicals, fertilizer, or lime used				Any chemicals, fertilizer, or lime used—Con.			
farms	4 391	3 656	3 899				
\$1,000							
Commercial fertilizer ¹				Sprays, dusts, granules, fumigants, etc., to control—			
farms	3 858	3 284	3 585	Insects on hay and other crops			
acres on which used	138 832	138 567	149 706	farms	2 049	1 760	1 527
\$1,000	8 953	7 155	7 148	acres on which used	49 252	45 480	39 772
Lime				Nematodes in crops			
farms	1 339	1 464	1 543	farms	152	166	183
acres on which used	23 208	27 222	37 781	acres on which used	5 212	4 087	4 797
tons	33 838	44 149	60 032	Diseases in crops and orchards			
Farms by tons used:				farms	1 093	832	997
1 to 49 tons	1 155	1 218	1 183	acres on which used	25 050	20 104	21 106
50 to 99 tons	124	140	207	Weeds, grass, or brush in crops and pasture			
100 to 199 tons	39	72	114	farms	1 690	1 514	1 740
200 to 499 tons	20	34	35	acres on which used	57 337	57 111	59 379
500 to 999 tons	1	—	3	Chemicals used for defoliation or for growth control of crops or thinning of fruit			
1,000 tons or more	—	—	1	farms	255	239	201
Agricultural chemicals ¹				acres on which used	5 928	6 463	(D)
farms	3 027	2 456	3 260				
\$1,000	7 319	4 885	3 882				

¹Data for 1987 include cost of custom applications; data for agricultural chemicals exclude the cost of lime for 1987 and 1982.

Table 16. Tenure and Characteristics of Operator and Type of Organization for All Farms and Farms Operated by Black and Other Races: 1987, 1982, and 1978

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	All farms			Farms operated by Black and other races ¹		
	1987	1982	1978	1987	1982	1978
Tenure of operator:						
All operators	farms..	6 216	5 401	4 946	26	25
	acres..	615 185	612 819	617 359	1 822	(D)
Harvested cropland	farms..	5 084	4 608	4 397	22	24
	acres..	194 874	197 769	197 405	485	303
Full owners	farms..	4 313	3 521	3 160	19	19
	acres..	348 117	303 952	294 981	1 059	476
Harvested cropland	farms..	3 377	2 887	2 705	15	20
	acres..	73 627	66 272	62 890	142	(D)
Part owners	farms..	1 449	1 481	1 465	4	2
	acres..	231 033	279 378	297 490	258	(D)
Harvested cropland	farms..	1 339	1 396	1 418	4	4
	acres..	105 444	118 409	123 472	180	(D)
Tenants	farms..	454	399	321	3	-
	acres..	36 035	29 489	24 888	505	(D)
Harvested cropland	farms..	368	325	274	3	-
	acres..	15 803	13 088	11 043	163	(D)
Percent of tenancy	percent..	7.3	7.4	6.5	11.5	-
Operators by place of residence:						
On farm operated		4 918	4 228	3 860	16	17
Not on farm operated		960	784	718	8	8
Not reported		338	389	368	2	2
Operators by principal occupation:						
Farming		3 174	2 941	2 852	13	12
Other		3 042	2 460	2 094	13	13
Operators by days of work off farm:						
None		2 371	2 121	2 197	8	6
Any		3 516	2 897	2 520	16	15
1 to 49 days		374	271	262	3	2
50 to 99 days		178	202	147	-	1
100 to 149 days		245	225	183	-	2
150 to 199 days		436	361	305	1	-
200 days or more		2 283	1 838	1 623	12	9
Not reported		329	383	229	2	3
Operators by years on present farm:						
2 years or less		249	311	(NA)	2	2
3 or 4 years		449	508	(NA)	2	(NA)
5 to 9 years		1 165	884	(NA)	8	(NA)
10 years or more		3 421	2 792	(NA)	11	5
Average years on present farm		18.8	18.2	(NA)	15.9	9.8
Not reported		932	906	(NA)	3	4
Operators by age group:						
Under 25 years		50	64	69	-	-
25 to 34 years		590	681	518	2	4
35 to 44 years		1 477	1 163	853	6	8
45 to 49 years		687	1 118	1 137	1	3
50 to 54 years		642	1 260	1 386	1	4
55 to 59 years		642	1 115	983	1	6
60 to 64 years		663	983	53.0	49.2	48.5
65 to 69 years		595	51.5			
70 years and over		870				
Average age		52.6				
Operators by sex:						
Male	farms..	5 415	4 831	4 563	18	23
	acres..	571 616	570 447	584 605	1 540	(D)
Female	farms..	801	570	383	8	2
	acres..	43 569	42 372	32 754	282	(D)
Operators of Spanish origin (see text)	farms..	24	13	17	3	-
	acres..	2 019	1 428	809	382	(D)
Operators not of Spanish origin	farms..	4 197	(NA)	(NA)	12	(NA)
Spanish origin not reported	farms..	1 995	(NA)	(NA)	11	(NA)
Type of organization:						
Individual or family (sole proprietorship)	farms..	5 124	4 541	4 087	23	24
	acres..	431 487	429 422	429 461	1 723	(D)
Partnership	farms..	481	377	439	-	2
	acres..	73 006	63 463	72 643	-	(D)
Corporation	farms..	544	413	358	3	1
	acres..	86 535	91 378	86 397	99	(D)
Family held:						
More than 10 stockholders	farms..	4	7	6	-	-
	acres..	1 790	(D)	3 270	-	-
10 or less stockholders	farms..	489	358	312	3	1
	acres..	79 707	(D)	62 178	99	(D)
Other than family held:						
More than 10 stockholders	farms..	6	8	16	-	-
	acres..	1 300	1 955	19 132	-	-
10 or less stockholders	farms..	45	40	24	-	1
Other—cooperative, estate or trust, institution, etc.	farms..	3 738	6 824	1 817	-	(D)
	acres..	67	70	62	-	1
		24 157	28 556	28 858	-	(D)

¹For classification of social and ethnic groups, see text.

Table 17. Selected Characteristics of Farms Operated by Females, Persons of Spanish Origin, and Specified Racial Groups: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Female operators	Operators of Spanish origin ¹	Farms operated by Black and other races					Other (see text)
			Total	Black	American Indian	Asian		
F FARMS AND LAND IN FARMS								
Farms-----number, 1987--	801	24	26	11	1	6	8	
1982--	570	13	25	17	6	2	-	
Land in farms-----acres, 1987--	43 569	2 019	1 822	533	(D)	(D)	990	
1982--	42 372	1 428	(D)	836	(D)	(D)	-	
Harvested cropland-----farms, 1987--	474	24	22	9	-	5	8	
1982--	403	11	22	15	5	2	-	
acres, 1987--	9 581	745	485	83	-	64	338	
1982--	10 396	387	303	229	(D)	(D)	-	
1987 FARMS BY SIZE								
1 to 9 acres -----	223	1	2	-	-	2	-	
10 to 49 acres -----	325	11	13	8	1	1	3	
50 to 139 acres -----	164	8	8	3	-	3	2	
140 to 219 acres -----	52	2	2	-	-	-	2	
220 to 499 acres -----	33	1	1	-	-	-	1	
500 acres or more -----	4	1	-	-	-	-	-	
1987 OWNED AND RENTED LAND IN FARMS								
Owned land in farms-----farms--	751	24	23	10	1	5	7	
acres--	38 500	1 795	1 234	455	(D)	(D)	(D)	
Rented or leased land in farms-----farms--	165	10	7	3	-	1	3	
acres--	5 069	224	588	78	-	(D)	(D)	
TENURE OF OPERATOR								
Full owners-----farms, 1987--	636	14	19	8	1	5	5	
1982--	432	5	23	15	6	2	-	
acres, 1987--	31 069	1 257	1 059	420	(D)	(D)	343	
1982--	29 030	(D)	(D)	(D)	(D)	(D)	-	
Part owners-----farms, 1987--	115	10	4	2	-	-	2	
1982--	101	6	2	2	-	-	-	
acres, 1987--	11 064	762	258	(D)	-	-	(D)	
1982--	12 358	1 299	(D)	(D)	-	-	-	
Tenants-----farms, 1987--	50	-	3	1	-	1	-	
1982--	37	2	-	-	-	-	-	
acres, 1987--	1 436	-	505	(D)	-	(D)	(D)	
1982--	984	(D)	-	-	-	-	-	
1987 FARMS BY TYPE OF ORGANIZATION								
Individual or family (sole proprietorship)-----	717	18	23	10	1	6	6	
Partnership-----	35	2	-	-	-	-	-	
Family held corporation-----	35	2	3	1	-	-	2	
Other than family held corporation-----	6	1	-	-	-	-	-	
Other-cooperative, estate or trust, institutional, etc.-----	8	1	-	-	-	-	-	
1987 MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales-----farms--	801	24	26	11	1	6	8	
\$1,000--	13 252	1 478	1 078	141	(D)	(D)	855	
Crops, including nursery and greenhouse crops-----farms--	335	17	14	7	-	5	2	
\$1,000--	9 835	1 073	219	(D)	-	(D)	(D)	
Livestock, poultry, and their products-----farms--	420	4	10	3	1	2	4	
\$1,000--	3 416	406	859	(D)	(D)	(D)	(D)	
Farms by value of sales:								
Less than \$2,500-----	401	10	7	3	-	1	3	
\$2,500 to \$9,999-----	218	5	5	2	-	2	1	
\$10,000 to \$19,999-----	68	3	6	2	1	2	1	
\$20,000 to \$24,999-----	19	-	4	3	-	1	-	
\$25,000 or more-----	95	6	4	1	-	-	3	
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)-----	1	-	-	-	-	-	-	
Field crops, except cash grains (013)-----	78	5	2	2	-	-	-	
Cotton (0131)-----	-	-	-	-	-	-	-	
Tobacco (0132)-----	1	-	-	-	-	-	-	
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)-----	77	5	2	2	-	-	-	
Vegetables and melons (016)-----	45	3	1	-	-	1	-	
Fruits and tree nuts (017)-----	94	5	9	5	-	2	-	
Horticultural specialties (018)-----	70	4	-	-	-	-	-	
General farms, primarily crop (019)-----	31	3	2	1	-	-	1	
Livestock, except dairy, poultry, and animal specialties (021)-----	176	2	6	2	1	2	1	
Beef cattle, except feedlots (0212)-----	71	-	2	-	-	2	-	
Dairy farms (024)-----	29	2	3	1	-	-	2	
Poultry and eggs (025)-----	12	-	1	-	-	-	1	
Animal specialties (027)-----	254	-	2	-	-	-	1	
General farms, primarily livestock and animal specialties (029)-----	11	-	-	-	-	-	-	

See footnotes at end of table.

Table 17. Selected Characteristics of Farms Operated by Females, Persons of Spanish Origin, and Specified Racial Groups: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Female operators	Operators of Spanish origin ¹	Farms operated by Black and other races				
			Total	Black	American Indian	Asian	Other (see text)
1987 OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	681	14	16	6	1	5	4
Not on farm operated	93	10	8	4	-	1	3
Not reported	27	-	2	1	-	-	1
Operators by principal occupation:							
Farming	422	12	13	7	1	1	4
Other	379	12	13	4	-	5	4
Operators by days of work off farm:							
None	342	12	8	4	-	1	3
Any	640	23	16	9	2	8	9
1 to 99 days	89	1	3	-	-	2	1
100 to 199 days	325	11	1	5	1	3	4
200 days or more	226	11	12	4	1	3	4
Not reported	45	-	2	2	-	-	-
Operators by years on present farm:							
2 years or less	54	1	2	-	-	2	-
3 or 4 years	92	3	2	-	-	-	2
5 to 9 years	200	3	8	2	-	4	2
10 years or more	356	13	11	7	1	-	3
Average years on present farm	14.7	17.5	15.9	22.8	(D)	5.5	16.7
Not reported	99	4	3	2	-	-	1
Operators by age group:							
Under 25 years	13	1	-	-	-	-	-
25 to 34 years	87	2	2	1	-	-	1
35 to 44 years	260	5	6	1	1	2	2
45 to 54 years	160	7	7	2	-	3	2
55 to 59 years	65	2	1	-	-	1	-
60 to 64 years	68	3	3	3	-	-	-
65 to 69 years	49	3	1	-	-	-	1
70 years and over	99	1	6	4	-	-	2
Average age	49.9	50.0	53.0	57.9	(D)	47.0	52.5
Operators by sex:							
Male	(X)	21	18	6	-	5	7
Female	801	3	8	5	1	1	1
Operators of Spanish origin ¹	3	24	3	1	-	-	2
1987 COMMODITY CREDIT CORPORATION LOANS AND GOVERNMENT PAYMENTS							
Amount received from Commodity Credit							
Corporation loans	farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-	-
Government payments received	farms	36	1	-	-	-	-
\$1,000	33	(D)	-	-	-	-	-

¹See chapter 1, table 16 for operators not of or not reporting Spanish origin.

Table 18. Selected Characteristics of Farms by Standard Industrial Classification: 1987

(For meaning of abbreviations and symbols, see introductory text)

SIC code	Farms	Land in farms (acres)	Harvested cropland (acres)	Value of selected capital assets ¹ , average per farm (dollars)		Market value of agricultural products sold (\$1,000)		
				Land and buildings	Machinery and equipment	Total	Crops, including nursery and greenhouse crops	Livestock, poultry, and their products
Total	6 218	615 185	184 874	346 530	32 039	340 464	215 855	124 609
Crops (01)	3 538	301 580	96 390	483 995	57 454	214 445	212 675	1 769
Cash grains (011)	25	5 987	2 813	577 813	60 975	607	579	28
Wheat (0111)	1	(D)	(D)	-	-	(D)	(D)	-
Rice (0112)	-	-	-	-	-	-	-	-
Corn (0115)	21	(D)	(D)	612 923	62 893	(D)	(D)	(D)
Soybeans (0116)	-	-	-	-	-	-	-	-
Cash grains, n.e.c. (0119)	3	840	564	425 667	52 667	114	(D)	(D)
Field crops, except cash grains (013)	975	124 046	41 850	479 671	36 154	14 290	13 360	930
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	14	2 028	763	447 692	68 004	4 629	(D)	(D)
Sugarcane and sugar beets (0133)	-	-	-	-	-	-	-	-
Irish potatoes (0134)	23	6 440	2 706	1 034 091	158 647	3 603	(D)	(D)
Field crops, except cash grains, n.e.c. (0139)	938	115 578	38 381	452 610	27 726	6 058	5 411	646
Vegetables and melons (016)	678	37 568	17 238	376 033	51 711	24 925	24 624	300
Fruits and tree nuts (017)	956	93 584	23 339	586 963	77 015	91 541	91 430	111
Berry crops (0171)	630	65 369	13 341	622 606	88 352	75 547	75 523	24
Grapes (0172)	13	535	134	98 143	11 429	77	-	-
Tree nuts (0173)	-	-	-	-	-	-	-	-
Citrus fruits (0174)	-	-	-	-	-	-	-	-
Deciduous tree fruits (0175)	253	24 392	9 239	605 153	61 309	15 643	15 575	68
Fruits and tree nuts, n.e.c. (0179)	60	3 288	625	168 389	10 408	274	255	19
Horticultural specialties (018)	630	17 303	5 116	483 782	62 761	79 985	79 946	39
Ornamental floriculture and nursery products (0181)	621	16 886	5 101	483 888	60 358	79 063	(D)	(D)
Food crops grown under cover (0182)	9	417	15	475 333	255 000	923	(D)	(D)
General farms, primarily crop (019)	274	23 092	6 034	256 444	22 748	3 096	2 735	361
Livestock and animal specialties (02)	2 678	313 605	98 484	594 815	52 748	126 020	3 180	122 840
Livestock, except dairy, poultry, and animal specialties (021)	1 233	113 821	23 271	345 355	26 302	10 428	579	9 848
Beef cattle feedlots (0211)	139	15 850	4 485	501 400	(D)	1 365	32	1 332
Beef cattle, except feedlots (0212)	585	57 295	12 746	368 053	21 759	3 502	319	3 183
Hogs (0213)	172	12 294	2 072	195 542	40 681	4 103	112	3 991
Sheep and goats (0214)	267	21 041	1 770	389 018	14 941	941	24	917
General livestock, except dairy, poultry, and animal specialties (0219)	70	7 341	2 198	249 533	(D)	517	93	424
Dairy farms (024)	556	152 045	(D)	(D)	84 885	69 892	1 668	68 224
Poultry and eggs (025)	134	8 090	(D)	(D)	68 467	22 711	214	22 498
Broiler, fryer, and roaster chickens (0251)	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Chicken eggs (0252)	92	5 919	603	369 487	92 289	19 915	92	19 823
Turkeys and turkey eggs (0253)	21	1 134	269	300 000	34 792	2 189	75	2 114
Poultry hatcheries (0254)	-	-	-	-	-	-	(D)	(D)
Poultry and eggs, n.e.c. (0259)	19	(D)	106	(D)	(D)	(D)	(D)	(D)
Animal specialties (027)	676	28 179	3 109	283 190	24 342	20 831	139	20 692
Fur-bearing animals and rabbits (0271)	28	284	(D)	160 833	19 000	825	(D)	(D)
Horses and other equines (0272)	607	26 325	2 915	306 662	22 148	5 435	94	5 341
Animal aquaculture (0273)	5	655	(D)	235 667	10 667	446	44	402
Animal specialties, n.e.c. (0279)	36	915	47	102 714	52 121	14 125	(D)	(D)
General farms, primarily livestock and animal specialties (029)	79	11 470	2 689	3 875 600	89 613	2 158	580	1 578

¹Data are based on a sample of farms.

Table 19. Selected Characteristics of Abnormal Farms: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	1987	1982	Characteristics	1987	1982
Farms ----- number	17	17	Market value of agricultural products sold ----- \$1,000--	(D)	1 349
Land in farms ----- acres	11 224	8 227	Average per farm ----- dollars--	(D)	79 352
Average size of farm ----- acres	660	484	Crops, including nursery and greenhouse crops ----- \$1,000--	(D)	247
Value of land and buildings ¹ ----- \$1,000--	40 127	12 464	Livestock, poultry, and their products ----- \$1,000--	1 849	1 102
Average per farm ----- dollars--	2 360 412	733 176	Total farm production expenses ¹ ----- \$1,000--	1 815	(NA)
Average per acre ----- dollars--	3 575	1 515	Average per farm ----- dollars--	106 781	(NA)
Estimated market value of all machinery and equipment ¹ ----- \$1,000--	1 945	1 588	Tenure of operator:		
Land in farms according to use:			Full owners -----	9	11
Total cropland ----- farms	15	16	Part owners -----	8	6
acres	5 541	2 718	Tenants -----	-	-
Harvested cropland ----- farms	15	16	Abnormal farms by standard industrial classification:		
acres	2 649	2 004	Cash grains (011) -----	-	-
Cropland used only for pasture or grazing ----- farms	8	8	Field crops, except cash grains (013) -----	1	-
acres	(D)	575	Cotton (0131) -----	-	-
Other cropland ----- farms	8	(NA)	Tobacco (0132) -----	-	-
acres	(D)	139	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.a.c. (0133, 0134, 0139) -----	1	-
Total woodland ----- farms	11	11	Vegetables and melons (016) -----	2	1
acres	3 216	4 594	Fruits and tree nuts (017) -----	2	3
Woodland pastured ----- farms	2	4	Horticultural specialties (018) -----	-	1
acres	(D)	99	General farms, primarily crop (019) -----	-	-
Woodland not pastured ----- farms	10	11	Livestock, except dairy, poultry, and animal specialties (021) -----	1	1
acres	(D)	4 495	Beef cattle, except feedlots (0212) -----	1	-
Pastureland and rangeland other than cropland and woodland pastured ----- farms	6	5	Dairy farms (024) -----	6	7
acres	1 657	323	Poultry and eggs (025) -----	1	1
Land in house lots, ponds, roads, wasteland, etc. ----- farms	12	11	Animal specialties (027) -----	-	-
acres	810	592	General farms, primarily livestock and animal specialties (029) -----	4	3
Irrigated land ----- farms	7	3			
acres	45	23			

¹Data are based on a sample of farms.

Table 20. Livestock and Poultry—Inventory and Sales: 1987, 1982, and 1978

[For meaning of abbreviations and symbols, see introductory text]

Item	Inventory			Sales		
	Farms	Number	Value ¹ (\$1,000)	Farms	Number	Value (\$1,000)
Livestock and poultry	1987	3 827	(X)	69 920	2 932	(X)
	1982	3 483	(X)	85 367	2 904	(X)
	1978	2 990	(X)	64 976	2 631	(X)
Poultry	1987	918	(X)	3 455	498	(X)
	1982	870	(X)	3 438	508	(X)
	1978	804	(X)	3 465	458	(X)
Livestock	1987	3 693	(X)	66 465	2 773	(X)
	1982	3 354	(X)	81 929	2 723	(X)
	1978	2 831	(X)	61 511	2 453	(X)
Any cattle, hogs, or sheep	1987	2 569	(X)	54 521	2 270	(X)
	1982	2 663	(X)	76 670	2 349	(X)
	1978	2 359	(X)	59 813	2 125	(X)
Cattle and calves	1987	2 112	83 065	50 618	1 725	39 668
	1982	2 311	102 366	72 124	1 908	47 034
	1978	2 073	96 951	55 227	1 803	51 782
Cows and heifers that had calved	1987	1 757	46 605	36 144	(NA)	(NA)
	1982	1 922	58 067	54 715	(NA)	(NA)
	1978	1 790	57 136	42 566	(NA)	(NA)
Beef cows	1987	1 124	9 692	5 137	(NA)	(NA)
	1982	1 071	8 176	4 824	(NA)	(NA)
	1978	904	7 408	3 778	(NA)	(NA)
Milk cows	1987	838	36 913	31 007	(NA)	(NA)
	1982	1 111	49 891	49 891	(NA)	(NA)
	1978	1 156	49 728	38 788	(NA)	(NA)
Hogs and pigs	1987	498	25 816	2 220	387	40 048
	1982	619	39 570	3 502	451	44 391
	1978	628	54 586	4 176	435	61 181
Feeder pigs sold	1987	(X)	(X)	(X)	96	9 091
	1982	(X)	(X)	(X)	127	7 363
	1978	(X)	(X)	(X)	145	12 010
Sheep and lambs ²	1987	604	14 761	1 683	493	11 548
	1982	452	9 846	1 044	338	5 705
	1978	327	6 515	410	239	3 908
Horses and ponies	1987	1 608	11 944	11 944	421	1 230
	1982	1 161	8 765	5 259	311	1 050
	1978	906	5 658	1 697	235	868
Chickens 3 months old or older ³	1987	738	1 502 202	3 354	141	1 149 575
	1982	727	1 276 406	3 291	190	1 167 461
	1978	685	1 465 853	3 160	230	1 070 836
Hens and pullets of laying age	1987	733	1 251 356	3 003	128	944 720
	1982	721	1 183 226	3 076	182	990 441
	1978	671	1 282 043	2 885	225	967 069
Broilers and other meat-type chickens	1987	101	13 561	10	37	(D)
	1982	116	23 054	14	48	162 904
	1978	94	55 432	34	41	163 218
Turkeys	1987	148	13 902	90	86	153 714
	1982	143	23 015	133	82	156 435
	1978	83	36 006	271	62	137 562

¹Data are estimated; see text.

²Value of sales includes sheep, lambs, and wool sold.

³Sales for 1987 include pullets of less than 3 months old.

Table 21. Poultry—Inventory and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Item	1987		1982		Item	1987		1982	
	Farms	Number	Farms	Number		Farms	Number	Farms	Number
INVENTORY									
Chickens 3 months old or older	738	1 502 202	727	1 276 406	SALES				
Farms with—					Hens and pullets ¹	141	1 149 575	190	1 167 461
1 to 3,199	711	75 137	689	82 772	Farms with—	113	26 456	151	61 174
3,200 to 9,999	7	47 538	12	68 959	1 to 3,199	19	58 026	13	83 856
10,000 or more	20	1 379 527	26	1 124 675	3,200 to 9,999	18	1 065 093	26	1 022 431
Hens and pullets of laying age	733	1 251 356	721	1 183 226	10,000 or more				
Farms with—					Hens and pullets of laying age	128	944 720	182	990 441
1 to 99	610	13 192	596	13 307	Farms with—	67	1 750	74	2 109
100 to 399	67	12 408	44	8 345	1 to 99	19	3 315	34	6 567
400 to 3,199	32	42 920	46	62 434	100 to 399	18	18 700	39	52 008
3,200 to 9,999	5	21 374	10	56 859	400 to 3,199	8	43 862	11	70 876
10,000 to 19,999	6	90 500	10	129 000	3,200 to 9,999	6	90 100	12	155 400
20,000 to 49,999	5	147 105	10	(D)	10,000 to 19,999	5	161 080	7	217 550
50,000 to 99,999	5	347 493	2	(D)	20,000 to 49,999	4	(D)	3	(D)
100,000 or more	3	576 364	3	419 000	50,000 to 99,999	1	(D)	2	(D)
Broilers and other meat-type chickens	101	13 561	116	23 054	100,000 or more				
Turkeys	148	13 902	143	23 015	SALES				
For slaughter	129	11 762	128	19 808	Turkeys	86	153 714	82	156 425
Hens kept for breeding	25	2 140	25	3 207	For slaughter	86	(D)	79	153 651
Ducks, geese, and other poultry	299	(X)	288	(X)	Hens kept for breeding	4	(D)	10	2 784
					Ducks, geese, and other poultry	81	(X)	87	(X)

¹Sales for 1987 include pullets of less than 3 months old.

Table 22. Broilers and Started Pullets—Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Number sold	Broilers and other meat-type chickens				Pullets not of laying age		Pullets 3 months old or older not of laying age	
	1987		1982		1987		1982	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Total	37	(D)	48	162 904	16	204 856	15	177 020
Farms with—								
1 to 1,999	34	1 814	42	(D)	13	2 691	10	1 490
2,000 to 15,999	2	(D)	2	(D)	3	(D)	2	(D)
16,000 to 29,999	—	—	—	—	—	—	2	(D)
30,000 to 59,999	1	(D)	4	146 500	1	(D)	—	—
60,000 to 99,999	—	—	—	—	—	—	—	—
100,000 to 199,999	—	—	—	—	1	(D)	1	(D)
200,000 to 499,999	—	—	—	—	—	—	—	—
200,000 to 299,999	—	—	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
300,000 to 499,999	—	—	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
500,000 or more	—	—	—	—	—	—	—	—

Table 23. Poultry—Inventory and Sales by Size of Flock: 1987

[For meaning of abbreviations and symbols, see introductory text]

Chickens 3 months old or older	Inventory									
	Chickens 3 months old or older						Pullet chicks and pullets under 3 months old			
	Total		Hens and pullets of laying age		Pullets 3 months old or older not of laying age		Farms		Number	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Total inventory	738	1 502 202	733	1 251 356	85	250 846	33	(D)	76	3 355
Farms with—										
1 to 99	604	13 535	602	12 674	55	861	18	354	67	2 153
100 to 399	75	13 802	75	12 926	15	876	4	325	3	312
400 to 1,599	17	14 305	17	13 225	5	1 080	4	1 080	5	(D)
1,600 to 3,199	15	33 495	15	29 695	7	3 800	2	(D)	1	(D)
3,200 to 9,999	7	47 538	5	(D)	5	(D)	1	(D)	—	—
10,000 to 19,999	4	60 500	4	(D)	1	(D)	1	(D)	—	—
20,000 to 49,999	7	206 605	7	180 105	3	26 500	—	—	—	—
50,000 to 99,999	4	(D)	3	(D)	1	(D)	—	—	—	—
100,000 or more	5	(D)	5	732 357	3	(D)	3	147 325	—	—
No inventory	(X)	(X)	(X)	(X)	(X)	(X)	2	(D)	25	10 206
Chickens 3 months old or older	Sales									
	Hens and pullets						Broilers and other meat-type chickens		Poultry and poultry products	
	Total		Hens and pullets of laying age		Pullets not of laying age		Farms		Farms	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Value (\$1,000)
Total inventory	124	1 132 875	115	940 084	13	182 791	28	(D)	392	20 272
Farms with—										
1 to 99	54	1 483	50	1 310	4	173	26	(D)	258	87
100 to 399	23	4 173	21	3 869	4	304	—	—	74	218
400 to 1,599	10	7 050	10	(D)	1	(D)	2	(D)	17	296
1,600 to 3,199	10	9 850	10	9 650	—	—	—	—	15	486
3,200 to 9,999	7	33 276	5	(D)	2	(D)	—	—	7	396
10,000 to 19,999	4	51 500	4	51 500	—	—	—	—	4	1 099
20,000 to 49,999	7	125 550	7	125 550	—	—	—	—	7	2 424
50,000 to 99,999	4	289 580	3	(D)	1	(D)	—	—	4	3 615
100,000 or more	5	610 413	5	(D)	1	(D)	—	—	5	11 642
No inventory	17	16 700	13	4 636	5	12 064	9	(D)	106	2 877

Table 24. Turkeys—Sales by Number Sold Per Farm: 1987

[For meaning of abbreviations and symbols, see introductory text]

Turkeys	Total		Sales for slaughter		Sales of hens kept for breeding	
	Farms	Number	Farms	Number	Farms	Number
Total sold—	86	153 714	86	(D)	4	(D)
Farms with—						
1 to 1,999	71	8 414	71	8 392	3	22
2,000 to 7,999	11	49 300	11	49 300	—	—
8,000 to 15,999	1	(D)	1	(D)	—	—
16,000 to 29,999	2	(D)	2	(D)	—	—
30,000 to 59,999	1	(D)	1	(D)	1	(D)
60,000 to 99,999	—	—	—	—	—	—
100,000 or more	—	—	—	—	—	—

Table 25. Cattle and Calves—Inventory: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Item	1987		1982	
	Farms	Number	Farms	Number
Cattle and calves—	2 112	83 065	2 311	102 366
Farms with—				
1 to 9	951	4 260	884	4 036
10 to 19	347	4 623	359	4 962
20 to 49	310	9 510	412	12 951
50 to 99	264	18 329	357	24 746
100 to 199	169	23 353	214	28 868
200 to 499	66	18 683	80	22 018
500 to 999	4	(D)	4	(D)
1,000 to 2,499	1	(D)	1	(D)
2,500 or more	—	—	—	—
Cows and heifers that had calved—	1 757	46 605	1 922	58 067
Farms with—				
1 to 9	961	3 635	922	3 273
10 to 19	184	2 364	210	2 807
20 to 49	290	9 500	403	13 585
50 to 99	207	14 026	264	17 583
100 to 199	98	12 622	97	12 446
200 to 499	17	4 458	24	(D)
500 to 999	—	—	1	(D)
1,000 or more	—	—	1	(D)
Beef cows—	1 124	9 692	1 071	8 176
Farms with—				
1 to 9	869	3 236	841	2 865
10 to 19	150	1 884	152	1 965
20 to 49	79	2 150	57	1 462
50 to 99	16	1 005	15	(D)
100 to 199	9	(D)	4	(D)
200 to 499	1	(D)	2	(D)
500 to 999	—	—	—	—
1,000 or more	—	—	—	—
Milk cows—	838	36 913	1 111	49 891
Farms with—				
1 to 4	256	476	275	493
5 to 9	38	250	45	290
10 to 29	89	1 762	165	3 210
30 to 49	160	6 164	264	10 133
50 to 99	193	13 073	247	16 320
100 to 199	86	11 040	91	11 625
200 to 499	16	4 148	22	5 420
500 or more	—	—	2	(D)
Heifers and heifer calves—	1 356	26 965	1 707	35 859
Steers, steer calves, bulls, and bull calves—	1 170	9 495	1 473	8 440

Table 26. Cattle and Calves—Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Item	1987			1982		
	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)
Cattle and calves sold						
Farms with—						
1 to 9	1 725	39 668	11 297	1 908	47 034	12 212
10 to 19	911	3 583	1 369	928	3 629	1 295
20 to 49	276	3 819	1 143	310	4 229	1 299
50 to 99	317	10 114	2 591	426	13 415	2 866
100 to 199	148	9 968	2 320	171	11 685	2 789
200 to 499	53	6 681	2 107	52	6 937	1 790
500 to 999	19	(D)	(D)	19	(D)	(D)
1,000 to 2,499	—	—	—	1	(D)	(D)
2,500 or more	—	—	—	—	—	—
Cattle sold	1 514	18 923	9 461	1 703	20 634	10 216
Farms with—						
1 to 9	990	3 730	1 782	1 136	4 285	1 935
10 to 19	283	3 734	1 679	299	3 913	1 901
20 to 49	175	4 971	2 468	204	5 666	2 702
50 to 99	49	3 288	1 714	48	3 194	1 750
100 to 199	12	1 361	748	9	(D)	(D)
200 to 499	4	(D)	(D)	5	(D)	(D)
500 to 999	1	(D)	(D)	2	(D)	(D)
1,000 or more	—	—	—	—	—	—
Cattle fattened on grain and concentrates sold	352	2 712	1 588	342	2 772	1 535
Farms with—						
1 to 9	313	910	497	293	865	459
10 to 19	19	268	152	27	345	163
20 to 49	13	362	211	15	414	209
50 to 99	4	252	139	3	196	109
100 to 199	1	(D)	(D)	2	(D)	(D)
200 to 499	2	(D)	(D)	1	(D)	(D)
500 to 999	—	—	—	1	(D)	(D)
1,000 to 2,499	—	—	—	—	—	—
2,500 or more	—	—	—	—	—	—
Calves sold	1 074	20 745	1 837	1 272	26 400	1 995
Farms with—						
1 to 9	526	1 858	247	580	2 102	250
10 to 19	199	2 650	273	221	3 001	235
20 to 49	244	7 438	550	353	10 240	604
50 to 99	81	5 095	345	87	5 412	332
100 to 199	19	2 457	178	22	2 808	231
200 to 499	5	1 247	243	9	2 637	343
500 or more	—	—	—	—	—	—

Table 27. Cattle and Calves—Inventory and Sales by Size of Herd: 1987

[For meaning of abbreviations and symbols, see introductory text]

Cattle and calves	Cattle and calves inventory								Cattle and calves sales		
	Total		Cows and heifers that had calved		Heifers and heifer calves		Steers, steer calves, bulls, and bull calves				
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value (\$1,000)
Total inventory	2 112	83 065	1 757	46 605	1 356	26 965	1 170	9 495	1 635	37 633	10 399
Farms with—											
1 to 9	951	4 260	707	2 331	435	981	467	948	476	1 805	674
10 to 19	347	4 623	297	2 342	232	1 230	240	1 051	347	2 651	942
20 to 49	310	9 510	262	4 782	235	3 253	195	1 475	310	4 346	1 491
50 to 99	264	18 329	256	11 524	230	5 355	119	1 450	263	8 755	2 061
100 to 199	169	23 353	166	13 894	157	7 808	101	1 651	168	10 827	2 549
200 to 499	66	18 693	65	10 397	62	6 618	43	1 668	66	7 875	2 281
500 to 999	4	(D)	4	1 335	4	(D)	4	(D)	4	(D)	(D)
1,000 to 2,499	1	(D)	—	—	1	(D)	1	(D)	1	(D)	(D)
2,500 or more	—	—	—	—	—	—	—	—	—	—	—
No inventory	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	90	2 035	898

Table 28. Cattle and Calves—Inventory and Sales by Size of Cow Herd: 1987

[For meaning of abbreviations and symbols, see introductory text]

Cows and heifers that had calved	Cattle and calves inventory								Cattle and calves sales		
	Total		Cows and heifers that had calved		Heifers and heifer calves		Steers, steer calves, bulls, and bull calves				
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value (\$1,000)
Total inventory -----	1 757	76 746	1 757	46 605	1 089	23 758	923	6 383	1 431	33 739	8 656
Farms with—											
1 to 4	644	4 122	644	1 538	344	1 560	358	1 024	349	1 654	614
5 to 9	317	3 908	317	2 097	148	988	172	823	287	1 736	633
10 to 19	184	3 724	184	2 364	92	819	101	541	184	1 934	657
20 to 29	103	3 664	103	2 383	67	900	46	381	103	1 649	532
30 to 49	187	11 209	187	7 117	155	3 315	73	777	187	4 942	1 160
50 to 99	207	22 422	207	14 026	179	7 340	97	1 056	206	9 745	2 132
100 to 199	98	20 633	98	12 622	89	6 816	65	1 195	98	8 686	2 115
200 to 499	17	7 064	17	4 458	15	2 020	11	586	17	3 393	813
500 to 999	-	-	-	-	-	-	-	-	-	-	-
1,000 or more	-	-	-	-	-	-	-	-	-	-	-
No inventory -----	355	6 319	(X)	(X)	267	3 207	247	3 112	294	5 929	2 642

Table 29. Cattle and Calves—Inventory and Sales by Size of Beef Cow Herd: 1987

[For meaning of abbreviations and symbols, see introductory text]

Beef cows	Cattle and calves inventory											
	Total		Cows and heifers that had calved				Heifers and heifer calves			Steers, steer calves, bulls, and bull calves		
			Total		Beef cows							
Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	
Total inventory -----	1 124	22 595	1 124	13 667	1 124	9 692	568	5 330	617	3 598		
Farms with—												
1 to 4	589	6 942	589	3 582	589	1 389	323	2 364	318	996		
5 to 9	280	3 938	280	2 383	280	1 847	118	814	145	741		
10 to 19	150	4 061	150	2 689	150	1 884	73	819	87	553		
20 to 29	48	1 585	48	1 075	48	1 066	22	241	25	269		
30 to 49	31	1 925	31	1 285	31	1 084	15	(D)	22	(D)		
50 to 99	16	1 835	16	1 236	16	1 005	8	(D)	13	(D)		
100 to 199	9	(D)	9	(D)	9	(D)	9	506	7	(D)		
200 to 499	1	(D)	1	(D)	1	(D)	-	-	-	-		
500 to 999	-	-	-	-	-	-	-	-	-	-		
1,000 or more	-	-	-	-	-	-	-	-	-	-		
No inventory -----	988	60 470	633	32 938	(X)	(X)	788	21 635	553	5 897		
Beef cows	Cattle and calves sales											
	Total		Cattle				Calves			Steers, steer calves, bulls, and bull calves		
			Total		Fattened on grain and concentrates							
Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)	
Total inventory -----	844	10 295	3 684	732	5 881	3 052	238	1 094	641	440	4 414	633
Farms with—												
1 to 4	330	3 041	882	294	1 616	770	98	365	204	152	1 425	112
5 to 9	260	1 802	604	211	1 025	506	73	291	168	147	777	98
10 to 19	150	2 111	624	132	1 166	524	39	155	98	88	945	100
20 to 29	48	648	310	44	441	270	17	137	96	21	207	40
30 to 49	30	833	363	28	577	312	7	107	61	17	256	51
50 to 99	16	723	366	14	560	339	4	39	15	8	163	27
100 to 199	9	(D)	(D)	9	496	330	-	-	-	6	(D)	(D)
200 to 499	1	(D)	(D)	-	-	-	-	-	-	1	(D)	(D)
500 to 999	-	-	-	-	-	-	-	-	-	-	-	-
1,000 or more	-	-	-	-	-	-	-	-	-	-	-	-
No inventory -----	881	29 373	7 613	782	13 042	6 409	114	1 618	947	634	16 331	1 204

Table 30. Cattle and Calves—Inventory and Sales by Size of Milk Cow Herd: 1987

[For meaning of abbreviations and symbols, see introductory text]

Milk cows	Cattle and calves inventory									
	Total		Cows and heifers that had calved				Heifers and heifer calves		Steers, steer calves, bulls, and bull calves	
			Total		Milk cows					
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Total inventory -----	838	62 624	838	38 268	838	36 913	652	20 757	417	3 599
Farms with—										
1 to 4 -----	256	2 640	256	1 137	256	476	150	927	150	576
5 to 9 -----	38	814	38	319	38	250	23	372	19	123
10 to 19 -----	35	1 031	35	558	35	478	27	320	22	153
20 to 29 -----	54	2 126	54	1 372	54	1 284	45	654	20	100
30 to 49 -----	160	9 866	160	6 294	160	6 164	143	3 071	54	501
50 to 99 -----	193	21 329	193	13 275	193	13 073	172	7 261	86	793
100 to 199 -----	86	18 054	86	11 155	86	11 040	77	6 132	55	767
200 to 499 -----	16	6 764	16	4 158	16	4 148	15	2 020	11	586
500 or more -----	—	—	—	—	—	—	—	—	—	—
No inventory -----	1 274	20 441	919	8 337	(X)	(X)	704	6 208	753	5 896
Milk cows	Cattle and calves sales								Dairy product sales	
	Total			Cattle			Calves			
	Farms	Number	Value (\$1,000)	Farms	Number	Farms	Number	Farms	Value (\$1,000)	
Total inventory -----	758	27 251	5 922	672	10 259	633	16 992	584	62 157	
Farms with—										
1 to 4 -----	181	1 079	398	149	641	105	438	32	38	
5 to 9 -----	34	390	137	20	195	28	195	15	120	
10 to 19 -----	35	457	138	33	225	25	232	29	538	
20 to 29 -----	54	1 004	215	51	378	45	626	54	1 880	
30 to 49 -----	160	4 305	861	148	1 534	147	2 771	160	9 244	
50 to 99 -----	192	9 240	1 810	180	3 222	187	6 018	192	22 623	
100 to 199 -----	86	7 683	1 699	76	2 832	82	4 851	86	20 658	
200 to 499 -----	16	3 093	663	15	1 232	14	1 861	16	7 057	
500 or more -----	—	—	—	—	—	—	—	—	—	—
No inventory -----	967	12 417	5 375	842	8 664	441	3 753	25	1 152	

Table 31. Cattle and Calves—Sales by Number Sold Per Farm: 1987

[For meaning of abbreviations and symbols, see introductory text]

Cattle end calves	Cattle and calves			Cattle				Calves				
				Total		Fattened on grain end concentrates						
	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)
Total sold -----	1 725	39 668	11 297	1 514	18 923	9 461	352	2 712	1 588	1 074	20 745	1 837
Farms with—												
1 to 4 -----	563	1 306	543	451	936	484	171	323	181	206	370	59
5 to 9 -----	348	2 277	827	314	1 515	719	82	349	182	184	762	108
10 to 19 -----	276	3 819	1 143	244	2 098	940	50	281	147	199	1 721	202
20 to 49 -----	317	10 114	2 591	298	4 369	2 144	36	461	301	281	5 745	448
50 to 99 -----	148	9 968	2 320	138	4 018	1 922	5	96	29	139	5 950	398
100 to 199 -----	53	6 681	2 107	53	3 285	(D)	5	342	159	48	3 396	(D)
200 to 499 -----	19	(D)	(D)	15	(D)	(D)	3	860	589	17	2 801	(D)
500 to 999 -----	1	(D)	(D)	1	(D)	(D)	—	—	—	—	—	—
1,000 or more -----	—	—	—	—	—	—	—	—	—	—	—	—

Table 32. Hogs and Pigs—Inventory: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Item	1987			1982		
	Farms	Number		Farms	Number	
Total hogs end pigs -----	498	25 816		619	39 570	
Farms with—						
1 to 24 -----	388	2 173		467	2 403	
25 to 49 -----	37	1 287		38	1 301	
50 to 99 -----	18	1 189		35	2 424	
100 to 199 -----	23	3 025		35	5 028	
200 to 499 -----	21	5 756		29	7 544	
500 to 999 -----	5	2 926		9	5 820	
1,000 to 1,999 -----	4	(D)		1	(D)	
2,000 to 4,999 -----	2	(D)		5	(D)	
5,000 or more -----	—	—		—	—	
Hogs and pigs used or to be used for breeding -----	211	3 189		281	4 639	
Farms with—						
1 to 24 -----	179	1 125		230	1 267	
25 to 49 -----	16	493		32	1 047	
50 to 99 -----	13	801		13	770	
100 to 199 -----	1	(D)		2	(D)	
200 or more -----	2	(D)		4	(D)	
Other hogs end pigs -----	444	22 627		575	34 931	

Table 33. Hogs and Pigs—Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Item	1987			1982		
	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)
Total hogs and pigs sold	387	40 048	4 220	451	44 391	4 497
Farms with—						
1 to 24	228	1 803	206	276	2 028	222
25 to 49	55	1 909	182	54	1 859	153
50 to 99	38	2 499	221	41	2 830	244
100 to 199	33	4 630	445	35	4 859	419
200 to 499	15	(D)	(D)	29	8 377	734
500 to 999	11	(D)	(D)	8	(D)	(D)
1,000 to 1,999	2	(D)	(D)	2	(D)	(D)
2,000 to 4,999	5	(D)	(D)	6	(D)	(D)
5,000 or more	—	—	—	—	—	—
Feeder pigs sold	96	9 091	374	127	7 363	270
Farms with—						
1 to 9	15	71	3	29	145	5
10 to 49	55	1 198	44	57	1 348	48
50 to 99	11	662	25	22	1 402	52
100 to 199	7	835	37	9	1 216	42
200 to 499	4	1 210	39	9	(D)	(D)
500 to 999	2	(D)	(D)	1	(D)	(D)
1,000 or more	2	(D)	(D)	—	—	—
Other hogs and pigs sold	355	30 957	3 846	404	37 028	4 226
Farms with—						
1 to 24	237	1 649	228	(NA)	(NA)	(NA)
25 to 49	41	1 386	162	(NA)	(NA)	(NA)
50 to 99	23	1 555	174	(NA)	(NA)	(NA)
100 to 199	29	4 091	427	(NA)	(NA)	(NA)
200 to 499	12	3 641	401	(NA)	(NA)	(NA)
500 to 999	7	5 060	600	(NA)	(NA)	(NA)
1,000 to 1,999	3	4 125	578	(NA)	(NA)	(NA)
2,000 to 4,999	3	9 450	1 278	(NA)	(NA)	(NA)
5,000 or more	—	—	—	(NA)	(NA)	(NA)

Table 34. Hogs and Pigs—Litters Farrowed: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Litters	1987			1982		
	Farms	Number of litters	Farms	Number of litters		
Litters farrowed between Dec. 1 of preceding year and Nov. 30	218	3 837	293	6 009		
Farms with—						
1 to 9	143	487	189	623		
10 to 19	27	361	36	445		
20 to 49	26	705	39	1 236		
50 to 99	16	1 054	18	1 085		
100 to 199	4	(D)	6	655		
200 to 499	2	(D)	3	(D)		
500 or more	—	—	2	(D)		
Dec. 1 of preceding year and May 31	202	1 882	242	3 061		
June 1 and Nov. 30	165	1 955	227	2 948		

Table 35. Hogs and Pigs—Inventory and Sales by Size of Herd: 1987

[For meaning of abbreviations and symbols, see introductory text]

Hogs and pigs	Hogs and pigs inventory						Hogs and pigs sales					
	Total		Used or to be used for breeding		Other hogs and pigs		Total			Feeder pigs		
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)
Total inventory	498	25 816	211	3 189	444	22 627	332	38 551	4 029	95	(D)	(D)
Farms with—												
1 to 9	315	1 084	88	232	264	852	149	1 607	165	28	530	20
10 to 24	73	1 089	43	272	70	817	73	2 379	227	31	761	29
25 to 99	55	2 476	39	543	55	1 933	55	3 962	299	22	1 855	69
100 to 199	23	3 025	17	407	23	2 618	23	3 921	328	6	1 342	44
200 to 499	21	5 756	17	725	21	5 031	21	8 184	658	5	2 777	77
500 to 999	5	2 926	4	240	5	2 686	5	3 998	515	2	(D)	(D)
1,000 or more	6	9 460	3	770	6	8 690	6	14 500	1 836	1	(D)	(D)
No inventory	(X)	(X)	(X)	(X)	(X)	(X)	55	1 497	191	1	(D)	(D)

Table 36. Hogs and Pigs—Inventory and Sales by Number Sold Per Farm: 1987

[For meaning of abbreviations and symbols, see introductory text]

Hogs and pigs	Hogs and pigs inventory						Hogs and pigs sales					
	Total		Used or to be used for breeding		Other hogs and pigs		Total			Feeder pigs		
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)
Total sold	332	25 356	186	3 153	288	22 203	387	40 048	4 220	96	9 091	374
Farms with—												
1 to 8	106	500	25	61	96	439	148	510	80	6	28	1
10 to 49	126	2 060	83	487	106	1 583	135	3 202	309	53	951	36
50 to 99	38	2 026	32	396	34	1 630	38	2 499	221	19	835	32
100 to 199	30	3 587	22	578	30	3 021	33	4 630	445	7	636	28
200 to 499	15	3 506	11	423	15	3 083	15	(D)	(D)	5	1 240	39
500 to 999	10	5 427	10	780	10	4 647	11	(D)	(D)	4	(D)	(D)
1,000 or more	7	8 240	3	450	7	7 790	7	17 500	2 038	2	(D)	(D)
None sold	166	460	25	36	146	424	(X)	(X)	(X)	(X)	(X)	(X)

Table 37. Hogs and Pigs—Inventory, Sales, and Litters by Total Litters Farrowed: 1987

[For meaning of abbreviations and symbols, see introductory text]

Litters farrowed	Hogs and pigs inventory						Hogs and pigs sales					
	Total		Used or to be used for breeding		Other hogs and pigs		Total			Feeder pigs		
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)
Total litters farrowed	213	16 643	211	3 189	159	13 454	192	24 149	2 085	96	9 091	374
Farms with—												
1	37	138	36	56	15	82	24	167	18	10	63	2
2 to 4	56	404	56	157	40	247	48	847	80	25	372	14
5 to 9	45	734	44	309	30	425	45	1 876	139	30	946	37
10 to 19	27	1 659	27	333	26	1 326	27	2 012	181	9	465	15
20 to 49	26	3 237	26	586	26	2 651	26	4 561	494	11	604	28
50 to 99	16	4 581	16	758	16	3 823	16	5 896	417	9	(D)	(D)
100 to 199	4	(D)	4	(D)	4	(D)	4	(D)	(D)	1	(D)	(D)
200 or more	2	(D)	2	(D)	2	(D)	2	(D)	(D)	1	(D)	(D)
No litters farrowed	285	9 173	-	-	285	9 173	195	15 899	2 136	-	-	-
Litters farrowed between Dec. 1, 1986, and Nov. 30, 1987												
Litters farrowed	Total			Dec. 1, 1986, and May 31, 1987			June 1, 1987, and Nov. 30, 1987					
	Farms	Litters		Farms	Litters		Farms	Litters		Farms	Litters	
Total litters farrowed	218	3 837		202			1 882			165		1 955
Farms with—												
1	41	41		34			34			7		7
2 to 4	57	140		54			78			47		62
5 to 9	45	306		43			166			40		140
10 to 19	27	361		26			198			25		163
20 to 49	26	705		23			338			24		367
50 to 99	16	1 054		16			498			16		556
100 to 199	4	(D)		4			(D)			4		(D)
200 or more	2	(D)		2			(D)			2		(D)

Table 38. Sheep and Lambs—Inventory and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Item	1987			1982			
	Farms	Number		Farms	Number		
Sheep and lambs inventory							
Farms with—							
1 to 24	604		14 761		452		9 846
25 to 99	446		3 940		341		2 660
100 to 299	132		5 837		97		4 480
300 to 999	21		2 824		11		1 570
1,000 to 2,499	5		2 160		3		1 136
2,500 or more	-		-		-		-
Ewes 1 year old or older	521		9 597		391		6 260
Sheep and lambs shorn	511		13 036		381		7 984
Pounds of wool	(X)		95 098		(X)		52 440
Sheep and lambs sold	483		11 548		338		5 705
Value of sales from sheep, lambs, and wool (\$1,000)	563		884		398		445

Table 39. Sheep and Lambs—Inventory and Sales by Size of Flock: 1987

[For meaning of abbreviations and symbols, see introductory text]

Sheep and lambs	Sheep and lambs inventory				Sheep and lambs shorn			Sales			
	Total		Ewes 1 year old or older					Sheep and lambs		Sheep, lambs, and wool	
	Farms	Number	Farms	Number	Farms	Number	Pounds of wool	Farms	Number	Farms	Value (\$1,000)
Total inventory -----	604	14 761	521	9 597	503	12 849	94 292	471	11 103	541	855
Farms with—											
1 to 24 -----	446	3 940	366	2 436	349	3 436	24 628	316	2 909	384	193
25 to 99 -----	132	5 837	131	3 870	130	5 172	42 571	128	3 391	131	276
100 to 299 -----	21	2 824	19	1 734	19	1 981	13 893	21	2 297	21	152
300 to 999 -----	5	2 160	5	1 557	5	2 260	13 200	5	2 506	5	235
1,000 to 2,499 -----	-	-	-	-	-	-	-	-	-	-	-
2,500 to 4,999 -----	-	-	-	-	-	-	-	-	-	-	-
5,000 or more -----	-	-	-	-	-	-	-	-	-	-	-
No inventory -----	(X)	(X)	(X)	(X)	8	187	806	22	445	22	29

Table 40. Sheep and Lambs—Inventory and Sales by Size of Ewe Flock: 1987

[For meaning of abbreviations and symbols, see introductory text]

Ewes 1 year old or older	Sheep and lambs inventory				Sheep and lambs shorn			Sales			
	Total		Ewes 1 year old or older					Sheep and lambs		Sheep, lambs, and wool	
	Farms	Number	Farms	Number	Farms	Number	Pounds of wool	Farms	Number	Farms	Value (\$1,000)
Total inventory -----	521	14 212	521	9 597	472	12 687	93 097	428	10 079	490	783
Farms with—											
1 to 24 -----	430	5 716	430	3 538	382	4 878	35 075	340	3 924	400	266
25 to 99 -----	81	5 644	81	3 891	80	5 043	41 277	78	3 200	80	255
100 to 199 -----	6	992	6	791	6	656	4 745	6	629	6	37
200 to 499 -----	4	1 860	4	1 377	4	2 110	12 000	4	2 326	4	224
500 to 999 -----	-	-	-	-	-	-	-	-	-	-	-
1,000 to 2,499 -----	-	-	-	-	-	-	-	-	-	-	-
2,500 to 4,999 -----	-	-	-	-	-	-	-	-	-	-	-
5,000 or more -----	-	-	-	-	-	-	-	-	-	-	-
No inventory -----	83	549	(X)	(X)	39	349	2 001	65	1 469	73	101

Table 41. Other Livestock and Livestock Products—Inventory and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Item	Inventory		Sales	
	1987	1982	1987	1982
Horses and ponies	farms number \$1,000--	1 608 11 944 (X)	1 181 8 765 (X)	421 1 230 5 626
Mules, burros, and donkeys	farms number \$1,000--	83 166 (X)	25 51 (X)	10 26 14
Colonies of bees	farms number	378 9 391	388 7 260 (X)	19 169 141
Honey sold	farms pounds	(X)	(X)	170 099
Bees and honey sold	farms \$1,000--	(X)	(X)	145 117
Goats	farms number	279 2 756	219 1 321	98 1 187
Angora goats	farms number	9 23	2 (D)	-
Mohair sold	farms pounds	(X) (X)	(X) (X)	5 103
Angora goats and mohair sold	farms \$1,000--	(X) (X)	(X) (X)	5 (D)
Milk goats	farms number	152 1 446	166 1 094	49 541
Goats milk sold	farms gallons	(X)	(X)	50 67 723
Milk goats and goats milk sold	farms \$1,000--	(X) (X)	(X) (X)	76 291
Other goats	farms number \$1,000--	164 1 287 (X)	64 (D) (X)	59 646 41
Mink and their pelts	farms number \$1,000--	4 2 855 (X)	7 4 008 (X)	6 12 728 361
Rabbits and their pelts	farms number \$1,000--	114 12 037 (X)	97 13 081 (X)	59 25 701 467
Fish and other aquaculture products sold	farms \$1,000--	(X) (X)	(X) (X)	11 797
Other livestock and livestock products	farms \$1,000--	20 (X)	(NA) (X)	16 (D)

Table 42. Crops Harvested and Value of Production: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Crop	1987				1982				Value of production ¹ (\$1,000)
	Farms	Acres	Quantity	Value of production ¹ (\$1,000)	Farms	Acres	Quantity	Value of production ¹ (\$1,000)	
Harvested cropland	5 084	194 874	(X)	239 571	4 608	197 769	(X)	174 743	
Corn for grain or seed (bushels)	152	5 681	626 829	1 066	165	6 077	591 680	1 361	
Corn for silage or green chop or cut for dry fodder, hogged or grazed	604	28 643	(X)	6 298	886	37 553	(X)	12 577	
Sorghum for grain or seed (bushels)	1	(D)	(D)	(D)	1	(D)	(D)	(D)	
Sorghum for silage or green chop, cut for dry forage or hay, or hogged or grazed	10	236	(X)	10	20	223	(X)	30	
Wheat for grain (bushels)	7	143	6 056	15	7	33	1 276	4	
Barley for grain (bushels)	2	(D)	(D)	(D)	3	37	1 616	2	
Oats for grain (bushels)	16	157	8 175	9	33	(D)	26 675	27	
Rye for grain (bushels)	17	342	13 876	31	39	798	23 101	46	
Rice (cwt)	-	-	-	-	-	-	-	-	
Flaxseed (bushels)	-	-	-	-	-	-	-	-	
Sunflower seed (pounds)	-	-	-	-	1	(D)	(D)	(D)	
Soybeans for beans (bushels)	-	-	-	-	3	(D)	(D)	(D)	
Dry edible beans, excluding dry limas (cwt)	-	-	-	-	1	(D)	(D)	(D)	
Peanuts for nuts (pounds)	-	-	-	-	-	-	-	-	
Cotton (bales)	-	-	-	-	-	-	-	-	
Tobacco (pounds)	21	458	618 971	6 190	46	352	574 990	2 932	
Irish potatoes (cwt)	93	2 628	615 427	4 093	136	3 759	732 649	4 323	
Sweetpotatoes (bushels)	1	(D)	(D)	(D)	1	(D)	(D)	(D)	
Pineapples harvested (tons)	-	-	-	-	-	-	-	-	
Sugar beets for sugar (tons)	-	-	-	-	-	-	-	-	
Sugarcane for sugar (tons)	-	-	-	-	-	-	-	-	
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) (tons, dry)	2 874	121 498	250 559	17 573	2 663	116 729	241 584	19 147	
Vegetables harvested for sale (see text)	1 008	16 325	(X)	25 179	1 011	15 307	(X)	19 199	
Land in orchards	572	9 379	(X)	17 829	489	9 332	(X)	17 502	
Berries harvested for sale	890	13 385	(X)	80 180	833	11 449	(X)	50 972	
Nursery and greenhouse crops, mushrooms, and sod grown for sale (see text)	824	3 439	(X)	80 867	716	2 795	(X)	46 465	
Other crops	51	204	(X)	226	(NA)	(NA)	(X)	143	

¹Data are estimated; see text.

Table 43. Specified Crops Harvested—Yield Per Acre Irrigated and Nonirrigated: 1987

[For meaning of abbreviations and symbols, see introductory text]

Crop	Entire crop irrigated			Part of crop irrigated			None of crop irrigated			
	Farms	Acres	Average yield per acre	Farms	Acres irrigated	Acres not irrigated	Average yield per acre	Farms	Acres	Average yield per acre
Corn for grain or seed (bushels)	-	-	-	1	(D)	(D)	(D)	151	(D)	(D)
Corn for silage or green chop (tons, green)	2	(D)	(D)	4	(D)	(D)	(D)	598	28 473	18.3
Sorghum for grain or seed (bushels)	-	-	-	-	-	-	-	1	(D)	(D)
Wheat for grain (bushels)	-	-	-	-	-	-	-	7	143	42.3
Oats for grain (bushels)	-	-	-	-	-	-	-	16	157	52.1
Barley for grain (bushels)	1	(D)	(D)	-	-	-	-	1	(D)	(D)
Rice (cwt)	-	-	-	-	-	-	-	-	-	-
Soybeans for beans (bushels)	-	-	-	-	-	-	-	-	-	-
Peanuts for nuts (pounds)	-	-	-	-	-	-	-	-	-	-
Dry edible beans, excluding dry limas (cwt)	-	-	-	-	-	-	-	-	-	-
Cotton (bales)	-	-	-	-	-	-	-	-	-	-
Tobacco (pounds)	6	151	1 321.5	3	54	159	1 131.2	12	95	1 897.5
Irish potatoes (cwt)	10	33	213.2	5	118	99	183.5	78	2 379	239.1
Sugar beets for sugar (tons)	-	-	-	-	-	-	-	-	-	-
Sugarcane for sugar (tons)	-	-	-	-	-	-	-	-	-	-
Alfalfa hay (tons, dry)	8	(D)	(D)	2	(D)	(D)	(D)	1 126	(D)	(D)
Small grain hay (tons, dry)	-	-	-	1	(D)	(D)	(D)	208	(D)	(D)
Tame hay other than alfalfa, small grain, and wild hay (see text) (tons, dry)	10	(D)	(D)	1	(D)	(D)	(D)	1 688	60 392	2.0
Wild hay (tons, dry)	5	16	2.3	-	-	-	-	606	13 877	1.5
Grass silage, haylage, and green chop hay (tons, green)	1	(D)	(D)	-	-	-	-	208	(D)	(D)
Alfalfa seed (pounds)	-	-	-	-	-	-	-	-	-	-
Vegetables harvested for sale (see text)	174	2 757	(X)	138	1 993	2 904	(X)	696	8 671	(X)
Land in orchards	40	151	(X)	17	116	367	(X)	515	8 745	(X)
Strawberries harvested for sale (pounds)	99	237	4 901.7	1	(D)	(D)	(D)	113	(D)	(D)

Table 44. Specified Crops by Acres Harvested: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Crop	1987					1982				
			Irrigated land					Irrigated land		
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
Corn for grain or seed (bushels)	152	5 681	626 829	1	(D)	165	6 077	591 680	10	19
Corn for silage or green chop (tons, green)	604	28 643	524 819	6	89	37 553	628 842	9	47	
1 to 14 acres	193	1 310	21 980	1	(D)	312	2 111	29 749	8	(D)
15 to 24 acres	81	1 522	25 927	2	(D)	134	2 500	38 849	-	-
25 to 49 acres	148	5 117	85 808	3	58	197	6 837	108 255	1	(D)
50 to 99 acres	102	6 662	118 089	-	-	158	10 791	173 895	-	-
100 to 249 acres	69	9 195	177 015	-	-	74	10 204	181 910	-	-
250 to 499 acres	9	(D)	(D)	-	-	9	(D)	(D)	-	-
500 to 999 acres	1	(D)	(D)	-	-	1	(D)	(D)	-	-
1,000 acres or more	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Tobacco (pounds)	21	458	618 971	9	205	46	352	574 990	8	120
0.1 to 0.9 acres	2	(D)	(D)	-	-	5	3	3 990	-	-
1.0 to 1.9 acres	1	(D)	(D)	1	(D)	4	5	9 345	-	-
2.0 to 2.9 acres	1	(D)	(D)	-	-	4	9	16 100	-	-
3.0 to 4.9 acres	3	12	18 330	-	-	15	55	90 907	3	10
5.0 to 9.9 acres	1	(D)	(D)	-	-	5	39	76 990	1	(D)
10.0 to 24.9 acres	7	101	167 584	3	49	10	151	253 658	2	(D)
25.0 to 49.9 acres	4	(D)	(D)	3	110	3	90	124 000	2	-
50.0 acres or more	2	(D)	(D)	2	(D)	-	-	-	-	-
Irish potatoes (cwt)	93	2 628	615 427	15	150	136	3 759	732 649	29	336
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)(tons, dry)	2 874	121 498	250 559	24	339	2 663	116 729	241 584	13	178
1 to 14 acres	996	7 490	12 644	12	(D)	855	6 342	11 272	10	38
15 to 24 acres	546	9 999	15 651	2	(D)	446	8 170	14 579	1	(D)
25 to 49 acres	601	20 099	38 216	4	(D)	617	20 979	39 132	1	(D)
50 to 99 acres	412	27 020	56 112	4	133	459	30 278	64 557	-	-
100 to 249 acres	265	37 009	80 877	2	(D)	239	32 438	73 144	1	(D)
250 to 499 acres	48	15 476	34 050	-	-	42	(D)	(D)	-	-
500 to 999 acres	4	(D)	(D)	-	-	2	(D)	(D)	-	-
1,000 acres or more	2	(D)	(X)	-	-	3	3 620	9 467	-	(X)
1,000 to 1,999 acres	2	(X)	(X)	-	-	(X)	(X)	(X)	-	(X)
2,000 to 2,999 acres	-	(X)	(X)	-	-	-	(X)	(X)	-	(X)
3,000 to 4,999 acres	-	(X)	(X)	-	-	-	(X)	(X)	-	(X)
5,000 acres or more	-	(X)	(X)	-	-	-	(X)	(X)	-	(X)
Alfalfa hay (tons, dry)	1 136	32 202	81 376	10	94	980	28 693	74 412	1	(D)
1 to 14 acres	536	3 685	8 495	6	25	436	3 107	7 410	1	-
15 to 24 acres	211	3 893	8 761	2	(D)	203	3 726	10 102	-	-
25 to 49 acres	218	7 092	17 309	1	(D)	175	5 976	14 934	-	-
50 to 99 acres	100	6 093	15 910	1	(D)	119	7 412	20 176	-	-
100 to 249 acres	64	8 247	19 733	-	-	38	4 807	12 564	-	-
250 to 499 acres	5	(D)	(D)	-	-	7	(D)	(D)	-	-
500 to 999 acres	1	(D)	(D)	-	-	1	(D)	(D)	-	-
1,000 acres or more	1	(D)	(D)	-	-	1	(D)	(D)	-	-
1,000 to 1,999 acres	1	(X)	(X)	-	-	1	(X)	(X)	-	(X)
2,000 to 2,999 acres	-	(X)	(X)	-	-	-	(X)	(X)	-	(X)
3,000 to 4,999 acres	-	(X)	(X)	-	-	-	(X)	(X)	-	(X)
5,000 acres or more	-	(X)	(X)	-	-	-	(X)	(X)	-	(X)
Small grain hay (tons, dry)	209	3 755	5 936	1	(D)	95	798	1 127	1	(D)
Tame hay other than alfalfa, small grain, and wild hay (see text)(tons, dry)	1 699	60 650	120 497	11	219	1 948	67 441	130 038	10	65
1 to 14 acres	566	4 110	6 948	5	(D)	673	4 915	8 754	8	(D)
15 to 24 acres	306	5 608	9 494	1	(D)	362	6 619	12 794	2	(D)
25 to 49 acres	424	13 990	26 728	3	(D)	485	16 017	30 182	-	-
50 to 99 acres	276	17 793	36 904	2	(D)	298	19 218	39 708	-	-
100 to 249 acres	116	15 747	32 723	-	-	116	15 647	30 395	-	-
250 to 499 acres	11	3 402	7 700	-	-	13	(D)	(D)	-	-
500 to 999 acres	-	-	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	1	(D)	(D)	-	-
Wild hay (tons, dry)	611	13 893	20 818	5	(D)	353	7 463	9 059	1	(D)
Grass silage, haylage, and green chop hay (tons, green)	209	10 998	65 799	1	(D)	294	12 334	80 830	1	(D)
Vegetables harvested for sale (see text)	1 008	16 325	(X)	312	4 750	1 011	15 307	(X)	287	4 508
0.1 to 0.9 acres	72	32	(X)	20	9	78	39	(X)	20	10
1.0 to 4.9 acres	366	889	(X)	80	159	378	970	(X)	75	190
5.0 to 14.9 acres	282	2 374	(X)	81	525	281	2 360	(X)	60	382
15.0 to 24.9 acres	104	1 918	(X)	40	499	97	1 779	(X)	35	457
25.0 to 49.9 acres	99	3 422	(X)	45	956	104	3 560	(X)	55	1 232
50.0 to 99.9 acres	57	3 695	(X)	28	985	48	3 112	(X)	28	1 025
100.0 to 249.9 acres	26	(D)	(X)	17	(D)	25	3 487	(X)	14	1 213
250.0 to 499.9 acres	2	(D)	(X)	1	(D)	-	-	(X)	-	-
500.0 to 749.9 acres	-	-	(X)	-	-	-	-	(X)	-	-
750.0 to 999.9 acres	-	-	(X)	-	-	-	-	(X)	-	-
1,000.0 acres or more	-	-	(X)	-	-	-	-	(X)	-	(X)
1,000.0 to 1,999.9 acres	-	-	(X)	-	-	-	-	(X)	-	(X)
2,000.0 to 2,999.9 acres	-	-	(X)	-	-	-	-	(X)	-	(X)
3,000.0 acres or more	-	-	(X)	-	-	-	-	(X)	-	(X)
Sweet corn	596	8 444	(X)	163	2 042	628	7 289	(X)	151	1 874
Berries harvested for sale	890	13 385	(X)	646	12 499	833	11 449	(X)	526	10 632
Cranberries (cwt)	498	12 091	1 433 505	498	12 091	394	10 222	1 194 692	394	10 222
Land in orchards	572	9 379	(X)	57	267	489	9 332	(X)	42	577
0.1 to 0.9 acres	51	23	(X)	10	3	45	22	(X)	11	5
1.0 to 4.9 acres	218	480	(X)	19	47	191	420	(X)	15	38
5.0 to 14.9 acres	167	1 358	(X)	17	(D)	118	911	(X)	7	53
15.0 to 24.9 acres	34	653	(X)	2	(D)	30	548	(X)	2	(D)
25.0 to 49.9 acres	49	1 665	(X)	6	42	57	1 992	(X)	3	28
50.0 to 99.9 acres	33	2 147	(X)	3	54	28	1 953	(X)	3	150
100.0 to 249.9 acres	18	(D)	(X)	-	-	16	2 338	(X)	-	-
250.0 to 499.9 acres	2	(D)	(X)	-	-	4	1 148	(X)	1	(D)
500.0 to 749.9 acres	-	-	(X)	-	-	-	-	(X)	-	-
750.0 to 999.9 acres	-	-	(X)	-	-	-	-	(X)	-	-
1,000.0 acres or more	-	-	(X)	-	-	-	-	(X)	-	(X)
1,000.0 to 1,999.9 acres	-	-	(X)	-	-	-	-	(X)	-	(X)
2,000.0 to 2,999.9 acres	-	-	(X)	-	-	-	-	(X)	-	(X)
3,000.0 acres or more	-	-	(X)	-	-	-	-	(X)	-	(X)

Table 45. Specified Fruits and Nuts by Acres: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Crop	Total			Trees or vines not of bearing age		Trees or vines of bearing age		Harvested		
	Farms	Acres	Trees or vines	Farms	Number	Farms	Number	Farms	Pounds	
Apples -----	1987--	526	8 415	618 208	346	141 414	485	476 794	402	76 050 295
	1982--	452	8 457	585 533	326	159 560	388	425 973	312	92 049 245
1987 acres harvested:										
0.1 to 0.9 acres -----		61	25	1 722	41	874	44	848	29	57 154
1.0 to 4.9 acres -----		204	456	27 104	127	12 010	185	15 094	140	1 610 190
5.0 to 14.9 acres -----		136	1 088	76 777	82	14 153	133	62 624	111	5 348 272
15.0 to 24.9 acres -----		32	618	34 495	27	11 616	30	22 879	29	3 849 663
25.0 to 49.9 acres -----		46	1 569	100 454	33	(D)	46	(D)	46	14 230 337
50.0 to 99.9 acres -----		31	2 096	144 409	23	(D)	31	(D)	31	21 668 319
100.0 acres or more -----		16	2 564	233 247	13	51 459	16	181 788	16	29 286 360
1982 acres harvested:										
0.1 to 0.9 acres -----		68	24	1 288	52	774	46	514	35	49 162
1.0 to 4.9 acres -----		158	346	17 526	110	8 628	127	8 898	84	1 180 486
5.0 to 14.9 acres -----		102	774	52 376	73	19 751	93	32 625	77	4 001 900
15.0 to 24.9 acres -----		32	591	34 000	21	15 639	30	18 161	26	4 853 387
25.0 to 49.9 acres -----		45	1 566	92 662	33	20 182	45	72 480	44	17 766 030
50.0 to 99.9 acres -----		29	1 963	158 586	22	21 165	29	137 421	28	23 681 560
100.0 acres or more -----		18	3 194	229 095	15	73 221	18	155 874	18	40 516 720

Table 46. Nursery and Greenhouse Crops, Mushrooms, and Sod Grown for Sale by Value of Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Crop	Under glass or other protection			In the open		Sales	
	Farms	Square feet		Farms	Acres	Farms	Value (\$1,000)
Nursery and greenhouse crops, mushrooms, and sod grown for sale (see text) -----	1987--	587	10 066 833	407	3 208	824	80 867
	1982--	524	8 261 749	311	2 605	716	46 465
1987 value of sales:							
\$1 to \$2,499 sales-----		68	56 797	91	86	146	173
\$2,500 to \$9,999 sales-----		122	329 415	105	187	198	1 049
\$10,000 to \$39,999 sales-----		184	1 408 854	111	432	244	5 055
\$40,000 to \$99,999 sales-----		93	1 493 122	36	214	102	6 330
\$100,000 to \$199,999 sales-----		48	1 462 065	24	231	54	7 442
\$200,000 to \$499,999 sales-----		43	1 843 535	21	735	47	13 725
\$500,000 sales or more -----		29	3 473 045	19	1 323	33	47 093
Bedding plants -----	1987--	418	4 015 097	88	207	445	19 451
	1982--	381	2 886 604	51	138	397	10 965
Cut flowers and cut florist greens -----	1987--	63	1 436 611	79	129	128	10 290
	1982--	78	1 594 606	57	75	123	6 995
Foliage and potted flowering plants, total -----	1987--	229	3 672 082	73	125	267	24 786
	1982--	187	3 060 730	76	169	239	15 083
Foliage plants -----	1987--	57	536 480	14	26	66	3 727
Potted flowering plants -----	1987--	207	3 135 602	62	99	240	21 059
Nursery crops -----	1987--	50	518 082	226	2 502	244	24 317
	1982--	28	160 366	163	2 180	173	12 349

Table 47. Farms by Concentration of Market Value of Agricultural Products Sold: 1987

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	All farms	Fewest number of farms accounting for—			
		10 percent of sales	25 percent of sales	50 percent of sales	75 percent of sales
Farms—	6 216	4	26	173	635
number—					
percent—	100.0	.1	.4	2.8	10.2
Land in farms—	615 185	11 700	25 228	74 593	179 485
acres—		2 925	970	431	283
Average size of farm—	99				
Value of land and buildings ¹ —	6 216	4	26	173	595
farms—					
\$1,000—	2 154 033	17 523	62 962	256 873	534 477
Average per farm—	346 530	4 380 750	2 421 615	1 484 815	898 281
dollars—		1 498	2 496	3 444	3 102
Estimated market value of all machinery and equipment—	\$1,000—	198 868	1 588	11 707	34 984
percent—	100.0	.8	5.9	17.6	34.8
Land in farms according to use:					
Total cropland—	acres—	272 588	1 970	6 986	36 100
Harvested cropland—	acres—	194 874	1 955	5 648	27 786
Pastureland, excluding woodland pastured—	acres—	97 882	(D)	9 734	14 917
Market value of agricultural products sold—	\$1,000—	340 464	36 704	85 658	170 498
Average per farm—	dollars—	54 772	9 176 038	3 294 553	985 541
Grains—	farms—	78	—	1	8
\$1,000—	785	—	(D)	179	404
Cotton and cottonseed—	farms—	—	—	—	—
\$1,000—	—	—	—	—	—
Tobacco—	farms—	21	—	—	6
\$1,000—	4 587	—	—	3 628	4 346
Hay, silage, and field seeds—	farms—	1 569	1	4	16
\$1,000—	7 803	(D)	28	373	1 157
Vegetables, sweet corn, and melon—	farms—	1 007	1	2	23
\$1,000—	25 179	(D)	(D)	3 758	11 540
Fruits, nuts, and berries—	farms—	1 186	1	9	52
\$1,000—	92 349	(D)	28 417	51 498	73 551
Nursery and greenhouse crops—	farms—	824	1	12	56
\$1,000—	80 867	(D)	29 996	54 431	68 409
Other crops—	farms—	114	—	1	4
\$1,000—	4 285	—	(D)	2 548	3 331
Poultry and poultry products—	farms—	498	1	3	20
\$1,000—	23 149	(D)	9 174	19 213	20 887
Dairy products—	farms—	609	—	—	38
\$1,000—	63 309	—	—	14 050	45 819
Cattle and calves—	farms—	1 725	—	1	41
\$1,000—	11 297	—	(D)	1 849	5 325
Hogs and pigs—	farms—	387	—	1	7
\$1,000—	4 220	—	(D)	(D)	2 280
Sheep, lambs, and wool—	farms—	563	—	—	1
\$1,000—	884	—	—	(D)	183
Other livestock and livestock products (see text)—	farms—	722	1	3	8
\$1,000—	21 749	(D)	16 326	17 202	18 218
Total farm production expenses ¹ —	farms—	6 216	4	26	173
\$1,000—	251 496	24 808	57 291	119 330	172 184
Selected farm production expenses: ¹					
Livestock and poultry purchased—	farms—	1 559	2	5	47
\$1,000—	11 441	(D)	2 963	5 385	7 704
Feed for livestock and poultry—	farms—	2 993	2	5	64
\$1,000—	33 525	(D)	5 772	14 631	23 812
Commercial fertilizer—	farms—	3 858	3	21	140
\$1,000—	8 953	416	1 171	2 996	5 377
Agricultural chemicals—	farms—	3 027	3	24	141
\$1,000—	7 319	313	1 367	3 079	4 947
Petroleum products—	farms—	5 859	4	26	171
\$1,000—	12 042	353	1 513	4 260	6 715
Electricity—	farms—	4 286	4	25	170
\$1,000—	5 959	459	1 244	2 362	3 753
Hired farm labor—	farms—	2 185	4	26	172
\$1,000—	66 579	9 754	23 500	43 215	55 215
Interest—	farms—	1 981	3	19	140
\$1,000—	13 788	611	2 069	5 673	8 533
Payments from government programs—	farms—	400	—	—	21
\$1,000—	2 213	—	—	910	1 254
Inventory of selected livestock:					
Cattle and calves—	farms—	2 112	—	2	42
number—	83 065	—	(D)	12 041	43 464
Milk cows—	farms—	838	—	—	36
number—	36 913	—	—	6 938	23 933
Hogs and pigs—	farms—	498	—	1	8
number—	25 816	—	(D)	6 326	10 923

¹Data are based on a sample of farms.

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Table 48. Summary by Tenure of Operator: 1987

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms				Farms with sales of \$10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
F FARMS AND LAND IN FARMS								
Farms -----	6 216	4 313	1 449	454	2 499	1 420	823	256
number -----								
percent -----	100.0	69.4	23.3	7.3	40.2	22.8	13.2	4.1
Land in farms -----	615 185	348 117	231 033	36 035	381 898	169 068	184 590	28 240
acres -----								
Average size of farm -----	99	81	159	79	153	119	224	110
acres -----								
M MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) -----	6 216	4 313	1 449	454	2 499	1 420	823	256
farms -----								
\$1,000 -----	340 464	188 318	118 057	34 089	330 696	181 019	116 174	33 503
Average per farm -----	54 772	43 663	81 475	75 086	132 331	127 478	141 159	130 872
Farms by value of sales:								
Less than \$1,000 (see text) -----	1 133	933	144	56	-	-	-	-
\$1,000 to \$2,499 -----	1 034	806	175	53	-	-	-	-
\$2,500 to \$4,999 -----	830	622	166	42	-	-	-	-
\$5,000 to \$9,999 -----	720	532	141	47	-	-	-	-
\$10,000 to \$19,999 -----	591	409	126	56	591	409	126	56
\$20,000 to \$24,999 -----	179	126	30	23	179	126	30	23
\$25,000 to \$39,999 -----	356	230	92	34	356	230	92	34
\$40,000 to \$49,999 -----	138	73	47	18	138	73	47	18
\$50,000 to \$99,999 -----	515	255	207	53	515	255	207	53
\$100,000 to \$249,999 -----	475	211	221	43	475	211	221	43
\$250,000 to \$499,999 -----	148	63	73	12	148	63	73	12
\$500,000 to \$999,999 -----	53	25	18	10	53	25	18	10
\$1,000,000 or more -----	44	28	9	7	44	28	9	7
Grains -----	78	36	39	3	52	16	34	2
farms -----								
\$1,000 -----	785	209	505	70	732	(D)	495	(D)
Sales of \$50,000 or more -----	5	1	3	1	5	1	3	1
farms -----								
\$1,000 -----	332	(D)	(D)	(D)	332	(D)	(D)	(D)
Corn for grain -----	67	30	34	3	46	15	29	2
farms -----								
\$1,000 -----	729	170	488	70	686	(D)	479	(D)
Wheat -----	3	1	2	-	2	-	2	-
farms -----								
\$1,000 -----	(D)	(D)	(D)	-	(D)	-	(D)	-
Soybeans -----	-	-	-	-	-	-	-	-
farms -----								
\$1,000 -----	-	-	-	-	-	-	-	-
Sorghum for grain -----	-	-	-	-	-	-	-	-
farms -----								
\$1,000 -----	-	-	-	-	-	-	-	-
Barley -----	-	-	-	-	-	-	-	-
farms -----								
\$1,000 -----	-	-	-	-	-	-	-	-
Oats -----	5	3	2	-	2	-	2	-
farms -----								
\$1,000 -----	(D)	2	(D)	-	(D)	-	(D)	-
Other grains -----	7	2	5	-	6	1	5	-
farms -----								
\$1,000 -----	39	(D)	(D)	-	(D)	(D)	(D)	-
Cotton and cottonseed -----	-	-	-	-	-	-	-	-
farms -----								
\$1,000 -----	-	-	-	-	-	-	-	-
Sales of \$50,000 or more -----	-	-	-	-	-	-	-	-
farms -----								
\$1,000 -----	-	-	-	-	-	-	-	-
Tobacco -----	21	9	9	3	21	9	9	3
farms -----								
\$1,000 -----	4 587	796	1 354	2 437	4 587	796	1 354	2 437
Sales of \$50,000 or more -----	11	4	4	3	11	4	4	3
farms -----								
\$1,000 -----	4 355	675	1 243	2 437	4 355	675	1 243	2 437
Hay, silage, and field seeds -----	1 569	967	511	91	491	180	263	48
farms -----								
\$1,000 -----	7 803	3 065	4 053	685	5 523	1 498	3 454	571
Sales of \$50,000 or more -----	18	3	15	-	18	3	15	-
farms -----								
\$1,000 -----	1 250	278	972	-	1 250	278	972	-
Vegetables, sweet corn, and melons -----	1 007	559	336	112	622	275	268	79
farms -----								
\$1,000 -----	25 179	7 652	14 673	2 854	23 902	6 729	14 445	2 728
Sales of \$50,000 or more -----	138	37	88	13	138	37	88	13
farms -----								
\$1,000 -----	15 627	3 115	11 001	1 512	15 627	3 115	11 001	1 512
Fruits, nuts, and berries -----	1 186	924	188	74	730	516	159	55
farms -----								
\$1,000 -----	92 349	72 622	12 580	7 147	91 022	71 404	12 510	7 108
Sales of \$50,000 or more -----	305	225	55	25	305	225	55	25
farms -----								
\$1,000 -----	83 747	65 942	11 189	6 616	83 747	65 942	11 189	6 616
Nursery and greenhouse crops -----	824	586	164	74	561	370	137	54
farms -----								
\$1,000 -----	80 867	48 489	24 815	7 564	79 988	47 760	24 730	7 499
Sales of \$50,000 or more -----	212	142	43	27	212	142	43	27
farms -----								
\$1,000 -----	73 509	43 269	23 148	7 092	73 509	43 269	23 148	7 092
Other crops -----	114	56	49	9	81	29	45	7
farms -----								
\$1,000 -----	4 285	1 167	2 996	122	4 219	(D)	2 986	(D)
Sales of \$50,000 or more -----	12	3	9	-	12	3	9	-
farms -----								
\$1,000 -----	3 520	895	2 624	-	3 520	895	2 624	-
Poultry and poultry products -----	498	342	129	27	194	127	48	19
farms -----								
\$1,000 -----	23 149	17 908	1 018	4 224	22 950	17 735	994	4 222
Sales of \$50,000 or more -----	44	34	3	7	44	34	3	7
farms -----								
\$1,000 -----	22 016	17 046	801	4 169	22 016	17 046	801	4 169
Dairy products -----	609	169	368	72	573	152	352	69
farms -----								
\$1,000 -----	63 309	10 603	45 217	7 489	63 231	10 558	45 201	7 472
Sales of \$50,000 or more -----	409	73	288	48	409	73	288	48
farms -----								
\$1,000 -----	58 969	8 576	43 389	7 003	58 969	8 576	43 389	7 003
Cattle and calves -----	1 725	893	699	133	804	268	451	85
farms -----								
\$1,000 -----	11 297	4 453	5 881	963	9 591	3 316	5 406	869
Sales of \$50,000 or more -----	25	14	9	2	25	14	9	2
farms -----								
\$1,000 -----	2 563	1 545	(D)	(D)	2 563	1 545	(D)	(D)

See footnotes at end of table.

Table 48. Summary by Tenure of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text.]

Item	All farms				Farms with sales of \$10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Hogs and pigs	farms--	387	260	109	18	143	84	52
\$1,000--	4 220	3 114	1 049	57	3 821	2 826	955	7
Sales of \$50,000 or more	farms--	15	10	5	-	15	10	5
\$1,000--	2 705	1 961	744	-	2 705	1 961	744	-
Sheep, lambs, and wool	farms--	563	406	135	22	102	55	39
\$1,000--	884	446	356	81	437	134	243	8
Sales of \$50,000 or more	farms--	1	-	1	-	1	-	1
\$1,000--	(D)	-	(D)	-	(D)	-	(D)	-
Other livestock and livestock products (see text)	farms--	722	519	159	44	176	119	47
\$1,000--	21 749	17 783	3 561	396	20 694	16 980	3 400	10
Sales of \$50,000 or more	farms--	25	19	4	2	25	19	4
\$1,000--	19 082	15 700	(D)	(D)	19 082	15 700	(D)	(D)
FARM PRODUCTION EXPENSES¹								
Total farm production expenses	farms--	6 216	4 389	1 400	427	2 490	1 480	804
\$1,000--	251 496	141 664	85 495	24 337	226 609	123 969	79 565	206
Average per farm	dollars--	40 460	32 277	61 068	56 996	91 008	83 763	98 961
Livestock and poultry purchased	farms--	1 559	985	464	110	618	313	254
\$1,000--	11 441	7 233	3 401	807	10 064	6 259	3 105	51
Farms with expenses of—								
\$1 to \$4,999		1 238	794	365	79	360	171	164
\$5,000 to \$24,999		242	149	69	24	192	113	60
\$25,000 to \$99,999		64	30	28	6	51	17	28
\$100,000 or more		15	12	2	1	15	12	2
Feed for livestock and poultry	farms--	2 893	1 901	814	178	930	457	421
\$1,000--	33 525	16 000	13 610	3 914	29 750	13 515	12 545	3 691
Farms with expenses of—								
\$1 to \$4,999		2 130	1 539	472	119	308	200	99
\$5,000 to \$24,999		448	273	151	24	335	179	8
\$25,000 to \$99,999		271	68	173	30	244	58	148
\$100,000 or more		44	21	18	5	43	20	18
Commercially mixed formula feeds	farms--	1 552	947	542	63	756	336	369
\$1,000--	26 256	12 623	10 249	3 384	25 551	12 206	10 001	3 345
Farms with expenses of—								
\$1 to \$4,999		992	754	220	18	217	148	58
\$5,000 to \$24,999		322	123	182	17	301	118	171
\$25,000 to \$79,999		192	50	120	22	192	50	120
\$80,000 or more		46	20	20	6	46	20	20
Seeds, bulbs, plants, and trees	farms--	2 429	1 487	780	162	1 475	719	643
\$1,000--	6 227	3 390	1 988	849	5 999	3 205	1 962	113
Farms with expenses of—								
\$1 to \$999		1 651	1 143	389	118	716	393	253
\$1,000 to \$4,999		618	266	328	24	599	248	327
\$5,000 to \$24,999		121	56	52	13	121	56	52
\$25,000 or more		39	22	11	6	39	22	11
Commercial fertilizer	farms--	3 858	2 508	1 056	294	2 047	1 125	742
\$1,000--	8 953	3 535	4 676	742	8 165	3 075	4 419	180
Farms with expenses of—								
\$1 to \$4,999		3 420	2 407	749	264	1 623	1 024	449
\$5,000 to \$24,999		398	89	284	25	384	89	270
\$25,000 to \$49,999		28	6	19	3	28	6	19
\$50,000 or more		12	6	4	2	12	6	4
Agricultural chemicals	farms--	3 027	2 026	778	223	1 898	1 076	668
\$1,000--	7 319	4 093	2 564	662	6 990	3 817	2 530	154
Farms with expenses of—								
\$1 to \$4,999		2 719	1 689	663	187	1 597	926	553
\$5,000 to \$24,999		264	132	101	31	257	125	31
\$25,000 to \$49,999		29	14	10	5	29	14	10
\$50,000 or more		15	11	4	-	15	11	4
Petroleum products	farms--	5 859	4 072	1 380	407	2 429	1 422	802
\$1,000--	12 042	6 785	3 894	1 363	10 406	5 675	3 490	205
Farms with expenses of—								
\$1 to \$4,999		5 438	3 860	1 210	368	2 010	1 212	632
\$5,000 to \$24,999		369	185	155	29	367	183	155
\$25,000 to \$49,999		32	16	10	6	32	16	10
\$50,000 or more		20	11	5	4	20	11	5
Gasoline and c. sohol	farms--	5 243	3 654	1 231	358	2 222	1 277	748
\$1,000--	5 325	2 964	1 909	453	4 291	2 240	1 664	387
Diesel fuel	farms--	2 743	1 623	910	210	1 455	719	616
\$1,000--	2 585	1 116	1 207	262	2 231	904	1 102	120
Natural gas	farms--	175	112	36	27	112	72	26
\$1,000--	841	573	136	133	825	567	136	14
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms--	3 773	2 375	1 129	269	2 089	1 152	759
\$1,000--	3 291	2 133	642	516	3 058	1 964	588	178

See footnotes at end of table.

Table 48. Summary by Tenure of Operator: 1987—Con.

{For meaning of abbreviations and symbols, see introductory text}

Item	All farms				Farms with sales of \$10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
FARM PRODUCTION EXPENSES¹								
—Con.								
Total farm production expenses—Con.								
Electricity — farms—\$1,000—	4 286	2 896	1 148	242	2 060	1 183	755	122
	5 959	3 493	1 932	534	5 399	3 058	1 837	505
Farms with expenses of—								
\$1 to \$999—	3 151	2 313	699	139	1 002	665	312	25
\$1,000 to \$4,999—	895	473	347	75	818	408	341	69
\$5,000 to \$24,999—	225	99	101	25	225	99	101	25
\$25,000 or more —	15	11	1	3	15	11	1	3
Hired farm labor — farms—\$1,000—	2 185	1 337	683	165	1 518	806	560	152
	66 579	38 179	21 482	6 918	65 517	37 633	21 033	6 852
Farms with expenses of—								
\$1 to \$4,999—	1 095	818	217	60	459	296	113	50
\$5,000 to \$24,999—	617	282	271	64	598	274	263	61
\$25,000 to \$99,999—	362	177	162	23	351	177	151	23
\$100,000 or more —	111	60	33	18	110	59	33	18
Contract labor — farms—\$1,000—	1 025	684	229	112	667	417	176	74
	7 906	4 526	2 802	578	7 397	4 153	2 693	551
Farms with expenses of—								
\$1 to \$999—	408	301	60	47	157	122	17	18
\$1,000 to \$4,999—	332	239	61	32	243	160	60	23
\$5,000 to \$24,999—	231	112	90	29	213	103	81	29
\$25,000 or more —	54	32	18	4	54	32	18	4
Repair and maintenance — farms—\$1,000—	5 222	3 642	1 227	353	2 262	1 294	764	204
	16 873	9 619	5 827	1 427	13 712	7 103	5 332	1 276
Farms with expenses of—								
\$1 to \$4,999—	4 353	3 152	903	298	1 504	911	443	150
\$5,000 to \$24,999—	785	450	291	44	676	344	288	44
\$25,000 to \$49,999—	55	24	25	6	53	23	25	5
\$50,000 or more —	29	16	8	5	29	16	8	5
Customwork, machine hire, and rental of machinery and equipment — farms—\$1,000—	1 276	827	355	94	694	377	248	69
	3 570	2 165	1 032	372	3 282	1 948	981	352
Farms with expenses of—								
\$1 to \$999—	781	546	183	52	295	167	91	37
\$1,000 to \$4,999—	362	203	129	30	266	132	114	20
\$5,000 to \$24,999—	115	68	40	7	115	68	40	7
\$25,000 or more —	18	10	3	5	18	10	3	5
Interest expense — farms—\$1,000—	1 981	1 243	640	98	1 206	658	458	90
	13 788	8 294	4 819	675	12 029	7 009	4 357	663
Farms with expenses of—								
\$1 to \$4,999—	1 395	925	402	68	698	393	245	60
\$5,000 to \$24,999—	485	262	199	24	407	209	174	24
\$25,000 to \$99,999—	88	49	34	5	88	49	34	5
\$100,000 or more —	13	7	5	1	13	7	5	1
Secured by real estate — farms—\$1,000—	1 410	935	475	—	902	514	388	—
	10 563	6 920	3 643	—	9 140	5 804	3 335	—
Farms with expenses of—								
\$1 to \$999—	281	175	106	—	144	59	85	—
\$1,000 to \$4,999—	659	464	195	—	354	211	143	—
\$5,000 to \$24,999—	391	249	142	—	325	197	128	—
\$25,000 or more —	79	47	32	—	79	47	32	—
Not secured by real estate — farms—\$1,000—	950	524	328	98	560	263	207	90
	3 225	1 374	1 176	675	2 889	1 204	1 022	663
Farms with expenses of—								
\$1 to \$999—	440	295	120	25	173	95	54	24
\$1,000 to \$4,999—	375	182	150	43	252	121	95	36
\$5,000 to \$24,999—	112	36	52	24	112	36	52	24
\$25,000 or more —	23	11	6	6	23	11	6	6
Cash rent — farms—\$1,000—	1 092	—	822	270	747	—	600	147
	3 848	—	2 153	1 695	3 400	—	2 017	1 383
Farms with expenses of—								
\$1 to \$4,999—	918	—	722	196	582	—	501	81
\$5,000 to \$9,999—	86	—	58	28	80	—	57	23
\$10,000 to \$24,999—	65	—	33	32	65	—	33	32
\$25,000 or more —	23	—	9	14	20	—	9	11
Property taxes — farms—\$1,000—	5 817	4 361	1 385	71	2 304	1 476	800	28
	15 219	11 296	3 833	89	9 316	6 597	2 645	74
Farms with expenses of—								
\$1 to \$4,999—	5 240	3 964	1 209	67	1 849	1 159	666	24
\$5,000 to \$9,999—	397	261	133	3	315	212	100	3
\$10,000 to \$24,999—	150	111	38	1	111	81	29	1
\$25,000 or more —	30	25	5	—	29	24	5	—
All other farm production expenses — farms—\$1,000—	5 700	3 993	1 342	365	2 489	1 479	804	206
	38 248	23 055	11 482	3 711	35 183	20 922	10 620	3 641
Farms with expenses of—								
\$1 to \$4,999—	4 694	3 473	949	272	1 532	990	429	113
\$5,000 to \$24,999—	744	405	272	67	705	375	263	67
\$25,000 to \$49,999—	143	50	78	15	133	49	69	15
\$50,000 or more —	119	65	43	11	119	65	43	11

See footnotes at end of table.

Table 48. Summary by Tenure of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms				Farms with sales of \$10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT¹								
All farms.....	6 216	4 389	1 400	427	2 490	1 480	804	206
\$1,000.....	84 172	46 891	30 546	6 734	99 131	57 211	34 576	7 343
Average per farm.....	13 541	10 684	21 819	15 770	39 811	38 656	43 005	35 648
Farms with net gains ²	3 017	1 927	818	272	2 084	1 220	680	184
Average net gain.....	35 387	32 377	44 778	28 462	50 362	49 985	53 552	41 073
Gain of—								
Less than \$1,000.....	374	295	47	32	24	19	4	1
\$1,000 to \$9,999.....	1 131	784	227	120	548	353	132	63
\$10,000 to \$49,999.....	1 077	614	381	82	1 077	614	381	82
\$50,000 or more.....	435	234	163	38	435	234	163	38
Farms with net losses.....	3 199	2 462	582	155	406	260	124	22
Average net loss.....	7 062	6 295	10 451	6 504	14 346	14 506	14 833	9 724
Loss of—								
Less than \$1,000.....	463	346	71	46	39	19	19	1
\$1,000 to \$9,999.....	2 195	1 751	364	80	185	130	46	9
\$10,000 to \$49,999.....	490	341	123	26	164	99	53	12
\$50,000 or more.....	51	24	24	3	18	12	6	—
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME								
Government payments.....	farms.....	400	157	215	28	244	50	172
\$1,000.....	farms.....	2 213	1 088	1 076	49	2 066	1 000	1 022
Other farm-related income ¹	farms.....	1 361	933	373	55	570	288	254
\$1,000.....	farms.....	5 802	3 261	2 161	380	3 570	1 620	1 762
Customwork and other agricultural services.....	farms.....	449	285	134	30	186	101	72
\$1,000.....	farms.....	2 163	1 437	(D)	(D)	1 344	762	(D)
Gross cash rent or share payments.....	farms.....	300	226	73	1	122	71	50
\$1,000.....	farms.....	477	287	(D)	(D)	213	110	(D)
Forest products and Christmas trees.....	farms.....	570	450	91	29	187	108	68
\$1,000.....	farms.....	1 780	930	685	164	1 113	422	589
Other farm-related income sources.....	farms.....	368	202	147	19	208	77	118
\$1,000.....	farms.....	1 382	607	656	119	901	326	538
COMMODITY CREDIT CORPORATION LOANS								
Total.....	farms.....	8	2	4	2	6	2	4
\$1,000.....	farms.....	159	(D)	106	(D)	(D)	(D)	106
Com.....	farms.....	5	1	4	—	5	1	4
\$1,000.....	farms.....	(D)	(D)	106	—	(D)	(D)	106
Wheat.....	farms.....	—	—	—	—	—	—	—
\$1,000.....	farms.....	—	—	—	—	—	—	—
Soybeans.....	farms.....	—	—	—	—	—	—	—
\$1,000.....	farms.....	—	—	—	—	—	—	—
Sorghum, barley, and oats.....	farms.....	—	—	—	—	—	—	—
\$1,000.....	farms.....	—	—	—	—	—	—	—
Cotton.....	farms.....	—	—	—	—	—	—	—
\$1,000.....	farms.....	—	—	—	—	—	—	—
Peanuts, rya, rice, tobacco, and honey.....	farms.....	3	1	—	2	1	1	—
\$1,000.....	farms.....	(D)	(D)	—	(D)	(D)	—	—
LAND IN FARMS ACCORDING TO USE								
Total cropland.....	farms.....	5 654	3 848	1 397	409	2 386	1 324	819
acres.....	272 588	116 106	134 738	21 744	194 870	63 771	112 949	18 150
Harvested cropland.....	farms.....	5 084	3 377	1 339	368	2 297	1 256	809
acres.....	194 874	73 627	105 444	15 803	148 595	44 929	90 183	13 483
Farms by acres harvested:								
1 to 49 acres.....		4 028	3 073	694	261	1 420	1 023	259
50 to 99 acres.....		544	203	282	59	398	138	210
100 to 199 acres.....		336	69	233	34	305	63	212
200 to 499 acres.....		153	25	116	12	151	25	114
500 to 999 acres.....		21	5	14	2	21	5	14
1,000 to 1,999 acres.....		1	1	—	—	1	1	—
2,000 acres or more.....		1	1	—	—	1	1	—
Cropland:								
Pastura or grazing only.....	farms.....	2 164	1 380	649	135	711	289	355
acres.....	52 884	26 803	21 382	4 699	30 138	10 181	16 294	3 663
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured.....	farms.....	362	221	126	15	177	82	85
acres.....	6 986	4 597	1 956	433	5 143	3 088	1 654	401
On which all crops failed.....	farms.....	208	111	82	15	103	42	50
acres.....	1 531	721	695	115	857	(D)	459	(D)
In cultivated summer fallow.....	farms.....	73	48	22	3	31	12	17
acres.....	946	690	202	54	411	(D)	192	(D)
Idle.....	farms.....	857	563	251	43	417	218	173
acres.....	15 367	9 668	5 059	640	9 726	5 112	4 167	447
Total woodland.....	farms.....	3 382	2 365	885	132	1 327	722	532
acres.....	225 442	147 490	68 684	9 268	119 977	60 342	53 046	6 589
Woodland pastured.....	farms.....	1 049	650	357	42	404	180	204
acres.....	35 745	21 176	13 330	1 239	19 155	8 387	9 892	876
Woodland not pastured.....	farms.....	2 933	2 077	739	117	1 164	647	451
acres.....	189 697	126 314	55 354	8 029	100 822	51 955	43 154	5 713

See footnotes at end of table.

Table 48. Summary by Tenure of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms				Farms with sales of \$10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
LAND IN FARMS ACCORDING TO USE—Con.								
Pastureland and rangeland other than cropland and woodland pastured—farms—acres—	1 269 44 998	830 31 240	365 11 057	74 2 701	393 27 403	192 17 941	169 7 587	32 1 875
Land in house lots, ponds, roads, wasteland, etc.—farms—acres—	4 123 72 157	3 018 53 281	942 16 554	163 2 322	1 665 39 648	1 028 27 014	541 11 008	96 1 626
Cropland under federal acreage reduction programs:								
Annual commodity acreage adjustment programs—farms—acres—	23 829	4 (D)	18 731	1 (D)	20 797	2 (D)	17 1 (D)	1 (D)
Conservation reserve program—farms—acres—	19 677	13 462	5 (D)	1 (D)	5 277	1 (D)	4 (D)	—
Value of land and buildings ¹ —farms—\$1,000—	6 216 2 154 033	4 389 1 326 431	1 400 716 381	427 111 221	2 490 1 274 992	1 480 696 009	804 509 617	206 69 366
Average per farm—dollars—	346 530	302 217	511 701	260 471	512 045	470 276	633 852	336 728
Average per acre—dollars—	3 553	3 807	3 196	3 306	3 391	3 911	2 877	3 311
Farms by value group:								
\$1 to \$39,999—	640	503	40	97	131	113	9	9
\$40,000 to \$69,999—	488	369	83	36	159	93	42	24
\$70,000 to \$99,999—	455	390	39	26	117	78	14	25
\$100,000 to \$149,999—	771	602	136	33	272	213	47	12
\$150,000 to \$199,999—	761	549	151	61	255	153	81	21
\$200,000 to \$499,999—	1 921	1 329	484	108	775	439	265	71
\$500,000 to \$999,999—	786	447	306	33	503	254	219	30
\$1,000,000 to \$1,999,999—	268	134	105	29	184	91	83	10
\$2,000,000 to \$4,999,999—	114	58	52	4	83	39	40	4
\$5,000,000 or more—	12	8	4	—	11	7	4	—
VALUE OF MACHINERY AND EQUIPMENT¹								
Estimated market value of all machinery and equipment—farms—\$1,000—	6 207 198 868	4 381 114 012	1 399 69 744	427 15 112	2 488 141 037	1 479 72 278	803 57 194	206 11 565
Farms by value group:								
\$1 to \$4,999—	679	603	31	45	129	118	4	7
\$5,000 to \$9,999—	1 426	1 154	190	82	221	163	25	33
\$10,000 to \$19,999—	1 271	916	229	126	380	269	71	40
\$20,000 to \$49,999—	1 701	1 155	449	97	836	501	267	68
\$50,000 to \$99,999—	704	356	309	39	501	234	247	20
\$100,000 to \$199,999—	327	155	149	23	322	152	147	23
\$200,000 to \$499,999—	86	36	37	13	86	36	37	13
\$500,000 or more—	13	6	5	2	13	6	5	2
SELECTED MACHINERY AND EQUIPMENT¹								
Motortrucks, including pickups—farms—number—	5 204 10 957	3 570 6 609	1 277 3 591	357 757	2 309 6 515	1 333 3 342	779 2 686	197 487
Wheel tractors—farms—number—	5 360	3 717	1 328	315	2 202	1 264	777	161
Less than 40 horsepower (PTO)—farms—number—	13 160	7 835	4 545	780	7 164	3 420	3 292	452
40 horsepower (PTO) or more—farms—number—	4 235 7 624	2 974 4 978	1 000 2 213	261 433	1 640 3 553	954 1 921	566 1 426	120 206
Grain and bean combines—farms—number—	5 536	2 657	2 332	347	3 611	1 524 1 499	754 1 499	658 1 866
Cottonpickers and strippers—farms—number—	52 60	12 (D)	38 44	2 (D)	40 46	9 (D)	29 33	2 (D)
Mower conditioners—farms—number—	—	—	—	—	—	—	—	—
Pickup balers—farms—number—	1 586 1 783 1 820	818 927 1 008	643 707 724	125 149 88	716 816 768	246 288 307	426 482 435	44 46 26
1 993	1 057	845	91	879	339	511	511	29
AGRICULTURAL CHEMICALS¹								
Commercial fertilizer—farms—acres on which used—	3 858 138 832	2 508 48 104	1 056 80 291	294 10 437	2 047 117 306	1 125 34 420	742 73 901	180 8 985
Lime—farms—acres on which used—	1 339 23 208	799 9 482	469 12 339	71 1 387	681 17 920	302 6 248	334 10 674	45 998
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops—farms—acres on which used—	2 049 49 252	1 461 22 433	413 22 383	175 4 436	1 379 45 834	870 19 536	382 22 008	127 4 290
Nematodes in crops—farms—acres on which used—	152 5 212	95 2 320	51 2 570	6 322	134 5 171	77 2 279	51 2 570	6 322
Diseases in crops and orchards—farms—acres on which used—	1 093 25 050	790 12 611	213 9 491	90 2 948	688 22 986	411 10 782	197 9 313	80 2 891
Weeds, grass, or brush in crops and pasture—farms—acres on which used—	1 690 57 337	995 18 177	593 34 855	102 4 305	1 226 54 082	611 16 033	533 16 033	82 4 120
Chemicals for defoliation or for growth control of crops or thinning of fruit—farms—acres on which used—	255 5 928	186 2 723	35 2 851	34 354	176 5 682	114 2 519	35 2 851	27 312

See footnotes at end of table.

Table 48. Summary by Tenure of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms				Farms with sales of \$10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
TENURE AND RACE OF OPERATOR								
All operators	6 216	4 313	1 449	454	2 499	1 420	823	256
Full owners	4 313	4 313	—	—	1 420	1 420	—	—
Part owners	1 449	—	1 449	—	823	—	823	—
Tenants	454	—	—	454	256	—	—	256
White	6 190	4 294	1 445	451	2 485	1 410	821	254
Full owners	4 294	4 294	—	—	1 410	1 410	—	—
Part owners	1 445	—	1 445	—	821	—	821	—
Tenants	451	—	—	451	254	—	—	254
Black and other races	26	19	4	3	14	10	2	2
Full owners	19	19	—	—	10	10	—	—
Part owners	4	—	4	—	2	—	2	—
Tenants	3	—	—	3	2	—	—	2
OWNED AND RENTED LAND								
Lend owned	5 764	4 313	1 449	2	2 243	1 420	823	—
farms	505 108	361 091	(D)	(D)	289 489	173 136	116 353	—
Owned land in terms	5 762	4 313	1 449	—	2 243	1 420	823	—
farms	491 079	348 117	142 962	—	284 749	169 068	115 681	—
Lend rented or leased from others	1 922	19	1 449	454	1 087	8	823	256
farms	125 835	854	88 839	36 142	97 581	112	69 165	28 304
Rented or leased land in farms	1 903	—	1 449	454	1 079	—	823	256
farms	124 106	—	88 071	36 035	97 149	—	68 909	28 240
Land rented or leased to others	402	319	69	14	145	97	41	7
farms	15 758	13 828	(D)	(D)	5 172	4 180	928	64
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	4 918	3 432	1 243	243	1 802	976	690	136
Not on farm operated	960	615	153	192	554	341	102	111
Not reported	338	266	53	19	143	103	31	9
Operators by principal occupation:								
Farming	3 174	1 972	926	276	1 918	996	723	199
Other	3 042	2 341	523	178	581	424	100	57
Operators by days of work off farm:								
None	2 371	1 558	627	186	1 382	726	518	138
Any	3 516	2 511	753	252	957	587	261	109
1 to 99 days	552	326	165	61	270	125	103	42
100 to 199 days	681	475	168	38	236	151	64	21
200 days or more	2 283	1 710	420	153	451	311	94	46
Not reported	329	244	69	16	160	107	44	9
Operators by years on present farm:								
2 years or less	249	157	49	43	88	40	24	24
3 or 4 years	449	299	79	71	161	91	28	42
5 to 9 years	1 165	795	226	144	445	248	119	78
10 years or more	3 421	2 399	894	128	1 443	838	524	81
Average years on present farm	18.8	19.4	19.8	10.1	20.2	20.9	21.8	11.0
Not reported	932	663	201	68	362	203	128	31
Operators by age group:								
Under 25 years	50	19	6	25	26	6	5	15
25 to 34 years	590	290	160	140	271	106	90	75
35 to 44 years	1 477	936	391	150	582	297	202	83
45 to 49 years	687	495	161	31	271	154	98	19
50 to 54 years	642	468	148	26	240	159	68	13
55 to 59 years	642	460	150	32	287	171	93	23
60 to 64 years	663	447	199	17	297	166	119	12
65 to 69 years	595	478	102	15	205	130	67	8
70 years and over	870	720	132	18	320	231	81	8
Average age	52.6	54.4	50.8	41.2	52.0	54.1	51.5	41.3
Operators by sex:								
Male	5 415	3 677	1 334	404	2 317	1 285	789	243
Female	801	636	115	50	182	135	34	13
Operators of Spanish origin (see text)	24	14	10	—	9	7	2	—
FARMS BY TYPE OF ORGANIZATION								
Individual or family (sole proprietorship)	5 124	3 653	1 145	326	1 757	1 011	588	158
farms	431 487	250 693	156 967	23 827	226 640	93 038	115 655	17 947
Partnership	481	270	173	38	278	131	121	26
farms	73 006	30 671	37 192	5 143	57 189	19 613	33 314	4 262
Corporation:								
Family held	493	309	112	72	389	234	99	56
More than 10 stockholders	81 497	44 372	31 406	5 719	75 917	40 885	30 333	4 699
10 or less stockholders	4	3	1	—	3	2	1	—
Other than family held	51	29	5	17	40	21	4	15
farms	5 038	2 937	(D)	(D)	4 209	2 152	(D)	(D)
More than 10 stockholders	6	6	—	—	3	3	—	—
10 or less stockholders	45	23	5	17	37	18	4	15
Other—cooperative, estate or trust, institutional, etc.	67	52	14	1	35	23	11	1
farms	24 157	19 444	(D)	(D)	17 943	13 380	(D)	(D)

See footnotes at end of table.

Table 48. Summary by Tenure of Operator: 1987—Con.

(For meaning of abbreviations and symbols, see introductory text)

Item	All farms				Farms with sales of \$10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
F FARMS BY SIZE								
1 to 9 acres	1 105	905	71	129	344	271	21	52
10 to 49 acres	2 125	1 611	372	142	672	488	115	69
50 to 69 acres	587	422	134	31	195	119	54	22
70 to 99 acres	539	345	156	38	201	96	77	28
100 to 139 acres	566	380	148	38	236	134	80	22
140 to 179 acres	324	186	118	20	161	68	77	16
180 to 219 acres	264	158	92	14	143	61	73	9
220 to 259 acres	163	68	81	14	113	38	65	10
260 to 499 acres	386	166	200	20	301	95	186	20
500 to 999 acres	126	52	69	5	103	31	67	5
1,000 to 1,999 acres	26	15	8	3	25	14	8	3
2,000 acres or more	5	5	-	-	5	5	-	-
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	25	15	9	1	12	3	8	1
Field crops, except cash grains (013)	975	663	256	56	186	71	90	25
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	14	9	3	2	14	9	3	2
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	961	654	253	54	172	62	87	23
Vegetables and melons (016)	678	379	215	84	400	180	162	58
Fruits and tree nuts (017)	956	804	94	58	567	447	79	41
Horticultural specialties (018)	630	492	78	60	423	322	59	42
General farms, primarily crop (019)	274	207	56	11	36	11	19	6
Livestock, except dairy, poultry, and animal specialties (021)	1 233	906	278	49	165	114	46	5
Beef cattle, except feedlots (0212)	585	420	136	29	64	44	19	1
Dairy farms (024)	556	147	344	65	538	139	337	62
Poultry and eggs (025)	134	111	12	11	70	55	5	10
Animal specialties (027)	676	536	86	54	81	68	9	4
General farms, primarily livestock and animal specialties (029)	79	53	21	5	21	10	9	2
L LIVESTOCK								
Cattle and calves inventory	farms..	2 112	1 187	776	149	834	297	451
number..		83 065	25 370	49 052	8 643	70 457	17 469	45 077
Farms with—								7 911
1 to 9		951	686	219	46	109	67	35
10 to 49		657	377	233	47	241	115	101
50 to 99		264	80	148	36	247	72	141
100 to 199		169	33	125	11	166	32	123
200 to 499		66	9	49	8	66	9	49
500 or more		5	2	2	1	5	2	1
Cows and heifers that had calved	farms..	1 757	950	676	131	762	261	419
number..		46 605	12 999	28 399	5 207	40 450	9 063	26 516
Beef cows	farms..	1 124	715	345	64	259	121	117
number..		9 692	5 764	3 460	468	4 169	2 227	1 775
Farms with—								4 871
1 to 9		869	581	241	47	158	76	68
10 to 49		229	120	92	17	81	35	39
50 to 99		16	8	8	-	12	4	8
100 to 199		9	5	4	-	7	5	2
200 to 499		1	1	-	-	1	1	-
500 or more		-	-	-	-	-	-	-
Milk cows	farms..	838	337	419	82	593	173	351
number..		36 913	7 235	24 939	4 739	36 281	6 836	24 741
Farms with—								4 704
1 to 4		256	174	71	11	43	29	13
5 to 9		38	23	11	4	13	7	4
10 to 49		249	96	119	34	242	93	116
50 to 99		193	31	141	21	193	31	141
100 to 199		85	11	67	8	86	11	67
200 to 499		16	2	10	4	16	2	4
500 or more		-	-	-	-	-	-	-
Heifers and heifer calves	farms..	1 356	670	581	105	653	203	382
number..		26 965	7 474	16 798	2 693	23 341	5 336	15 562
Steers, steer calves, bulls, and bull calves	farms..	1 170	650	449	71	431	147	241
number..		9 495	4 897	3 855	743	6 666	3 070	2 999
Cattle and calves sold	farms..	1 725	893	699	133	804	268	451
number..		39 668	13 091	22 757	3 820	34 466	9 561	21 442
\$1,000..		11 297	4 453	5 881	963	9 591	3 316	5 406
Calves	farms..	1 074	492	491	91	622	190	378
number..		20 745	5 697	12 870	2 178	18 708	4 258	12 442
Cattle	farms..	1 514	762	629	123	738	240	417
number..		18 923	7 394	9 887	1 642	15 758	5 303	9 000
\$1,000..		9 461	3 734	4 917	810	8 044	2 793	4 510
Fattened on grain and concentrates	farms..	352	214	120	18	95	38	48
number..		2 712	1 414	1 035	263	1 958	908	817
\$1,000..		1 588	766	667	155	1 188	502	546

See footnotes at end of table.

Table 48. Summary by Tenure of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms				Farms with sales of \$10,000 or more			
	Total	Full owners	Pert owners	Tenants	Total	Full owners	Pert owners	Tenants
LIVESTOCK—Con.								
Hogs and pigs inventory—farms—number—	498 25 816	333 18 860	142 6 463	23 493	168 21 817	100 15 747	59 5 706	9 364
Farms with—								
1 to 24	388	249	119	20	97	49	40	8
25 to 49	37	28	7	2	13	7	6	—
50 to 99	18	14	4	—	11	8	3	—
100 to 199	23	18	5	—	17	14	3	—
200 to 499	21	17	3	1	19	15	3	1
500 or more	11	7	4	—	11	7	4	—
Used or to be used for breeding—farms—number—	211 3 189	136 2 237	63 923	12 29	83 2 331	51 1 600	27 724	5 7
Other—farms—number—	444 22 627	306 16 623	121 5 540	17 464	156 19 486	96 14 147	53 4 982	7 357
Hogs and pigs sold—farms—number—	387 40 048	260 26 364	109 13 195	18 489	143 34 969	84 22 706	52 11 989	7 274
\$1,000—	4 220	3 114	1 049	57	3 821	2 826	955	39
Feeder pigs—farms—number—	96 9 091	62 3 202	31 5 803	3 86	25 6 647	13 1 528	12 5 119	— —
\$1,000—	374	124	246	4	295	75	221	—
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30—farms—number—	218 3 837	141 2 608	64 1 197	13 32	85 2 972	52 1 937	27 1 027	6 8
Dec. 1 and May 31—farms—number—	202 1 882	132 1 270	58 594	12 18	82 1 448	51 934	26 509	5 5
June 1 and Nov. 30—farms—number—	165 1 955	114 1 338	43 603	8 14	67 1 524	45 1 003	19 518	3 3
Sheep and lambs of all ages inventory—farms—number—	604 14 761	434 8 806	148 4 733	22 1 222	109 5 170	58 1 940	43 2 344	8 886
Ewes 1 year old or older—farms—number—	521 9 597	368 5 637	133 (D)	20 (D)	97 3 556	48 1 265	41 (D)	8 (D)
Sheep and lambs sold—farms—number—	493 11 548	353 6 314	119 4 167	21 1 067	94 5 172	49 1 954	37 2 466	8 752
Sheep and lambs shorn—farms—number—	511 13 036	369 7 175	123 4 618	19 1 243	94 4 629	50 1 409	36 2 359	8 861
pounds of wool—	95 098	52 144	35 151	7 803	32 353	9 332	18 380	4 641
Horses and ponies inventory—farms—number—	1 608 11 944	1 162 8 275	351 2 707	95 962	282 2 387	164 1 373	100 838	18 176
Horses and ponies sold—farms—number—	421 1 230	302 863	87 284	32 83	93 581	66 403	20 150	7 28
Goats inventory—farms—number—	279 2 756	200 2 057	74 681	5 18	58 961	36 691	21 (D)	1 (D)
Goats sold—farms—number—	98 1 187	71 895	25 (D)	2 (D)	17 315	9 122	8 193	— —
POULTRY								
Chickens 3 months old or older inventory—farms—number—	738 1 502 202	510 1 172 275	191 58 465	37 271 462	208 1 485 111	131 1 159 387	61 54 763	16 270 961
Farms with—								
1 to 399	679	468	180	31	149	89	50	10
400 to 3,199	32	21	9	2	32	21	9	2
3,200 to 9,999	7	7	—	—	7	7	—	—
10,000 to 19,999	4	2	1	1	4	2	1	1
20,000 to 49,999	7	5	1	1	7	5	1	1
50,000 to 99,999	4	4	—	—	4	4	—	—
100,000 or more	5	3	—	2	5	3	—	2
Hens and pullets of laying age—farms—number—	733 1 251 356	505 931 872	191 56 138	37 263 346	205 1 235 594	128 919 852	61 52 829	16 262 913
Pullets 3 months old or older not of laying age—farms—number—	95 250 846	66 240 403	21 2 327	8 8 116	35 249 517	24 239 535	7 1 934	4 8 048
Hens and pullets sold—farms—number—	192 1 195 566	136 1 018 703	45 42 391	11 134 472	82 1 190 490	53 1 014 547	22 41 545	7 134 398
Broilers and other meat-type chickens sold—farms—number—	37 (D)	23 51 585	13 629	1 (D)	6 (D)	5 48 225	1 (D)	— —
Farms with—								
1 to 1,999	34	20	13	1	4	3	1	—
2,000 to 59,999	3	3	—	—	2	2	—	—
60,000 to 99,999	—	—	—	—	—	—	—	—
100,000 or more	—	—	—	—	—	—	—	—
Turkey hens kept for breeding—farms—number—	25 2 140	24 (D)	1 (D)	—	7 (D)	7 (D)	— —	— —
Turkeys sold—farms—number—	86 153 714	56 111 275	23 20 812	7 21 627	35 150 109	22 107 961	7 (D)	6 (D)

See footnotes at end of table.

Table 48. Summary by Tenure of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms				Farms with sales of \$10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
CROPS HARVESTED								
Corn for silage or green chop	farms..	604	168	376	60	468	92	326
acres..	28 643	5 105	20 505	3 033	27 193	4 499	19 779	2 915
tons, green..	524 819	82 668	382 389	59 762	501 419	72 423	371 094	57 902
Irrigated	farms..	6	-	6	-	6	-	-
acres..	89	-	89	-	89	-	89	-
Farms by acres harvested:								
1 to 24 acres		274	127	124	23	149	53	82
25 to 99 acres		250	31	189	30	239	29	181
100 to 249 acres		69	9	56	4	69	9	56
250 to 499 acres		9	-	6	3	9	-	6
500 acres or more		2	1	1	-	2	1	1
Irish potatoes	farms..	93	42	43	8	73	27	40
acres..	2 628	915	1 606	107	2 588	(D)	1 587	(D)
cwt..	615 427	157 922	439 698	17 807	609 350	(D)	437 518	(D)
Irrigated	farms..	15	5	8	2	11	2	8
acres..	150	(D)	76	(D)	148	(D)	76	(D)
Farms by acres harvested:								
0.1 to 4.9 acres		50	29	17	4	34	15	16
5.0 to 24.9 acres		23	8	13	2	19	7	11
25.0 to 99.9 acres		15	3	10	2	15	3	10
100.0 to 249.9 acres		3	1	2	-	3	1	2
250.0 acres or more		2	1	1	-	2	1	1
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms..	2 874	1 732	975	167	969	352	528
acres..	121 498	44 656	67 762	9 080	80 401	19 718	53 721	6 962
tons, dry..	250 559	82 930	148 270	19 359	189 640	44 693	128 418	16 529
Irrigated	farms..	24	16	7	1	9	3	5
acres..	339	273	(D)	(D)	93	45	(D)	(D)
Farms by acres harvested:								
1 to 24 acres		1 542	1 167	311	64	233	141	75
25 to 99 acres		1 013	513	429	71	443	163	236
100 to 249 acres		265	41	196	28	240	37	179
250 to 499 acres		48	8	36	4	47	8	35
500 acres or more		6	3	3	-	6	3	3
Tame hay other than alfalfa, small grain, end wild hay (see text)	farms..	1 699	960	636	103	667	225	378
acres..	60 650	23 545	32 472	4 633	39 231	10 268	25 208	3 755
tons, dry..	120 497	42 028	68 542	9 927	88 585	22 127	57 726	8 732
Irrigated	farms..	11	7	3	1	3	-	1
acres..	219	201	(D)	(D)	15	-	(D)	(D)
Vegetables harvested for sale (see text)	farms..	1 008	560	336	112	622	275	268
acres..	16 325	4 770	9 731	1 824	15 064	3 953	9 406	1 705
Irrigated	farms..	312	150	135	27	224	84	119
acres..	4 750	1 281	3 071	398	4 534	1 143	3 007	384
Farms by acres harvested:								
0.1 to 4.9 acres		438	321	83	34	135	87	37
5.0 to 24.9 acres		386	195	132	59	305	144	112
25.0 to 99.9 acres		156	42	97	17	154	42	95
100.0 to 249.9 acres		26	1	23	2	26	1	23
250.0 acres or more		2	1	1	-	2	1	1
Sweet corn harvested for sale	farms..	596	309	230	57	394	153	195
acres..	8 444	2 299	5 142	1 002	7 917	1 939	5 028	950
Irrigated	farms..	163	78	77	8	117	39	71
acres..	2 042	530	1 448	64	1 949	(D)	1 417	(D)
Land in orchards	farms..	572	447	101	24	247	155	78
acres..	9 379	5 570	3 183	627	7 886	4 210	3 086	590
Irrigated	farms..	57	40	13	4	31	21	9
acres..	267	174	78	15	177	106	(D)	(D)
Farms by bearing and nonbearing acres:								
0.1 to 4.9 acres		269	225	33	11	52	32	16
5.0 to 24.9 acres		201	161	36	4	99	68	30
25.0 to 99.9 acres		82	52	22	8	76	46	22
100.0 to 249.9 acres		18	8	9	1	18	8	9
250.0 acres or more		2	1	1	-	2	1	1
Berries harvested for sale	farms..	890	690	140	60	571	409	116
acres..	13 385	10 970	1 424	991	12 657	10 293	1 387	977
Irrigated	farms..	646	516	82	48	487	372	75
acres..	12 499	10 307	1 222	971	12 189	10 017	1 210	963

¹Data are based on a sample of farms.

²Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than \$1,000.

Table 49. Summary by Type of Organization: 1987

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	Corporation				Other—cooperative, estate or trust, institutional, etc.	
				Total	Family held		Other than family held		
					Total	10 or less stockholders	Total	10 or less stockholders	
F FARMS AND LAND IN FARMS									
Farms	6 216	5 124	481	544	493	489	51	45	67
number	6 216	5 124	481	544	493	489	51	45	67
percent	100.0	82.4	7.7	8.8	7.9	7.9	8	7	1.1
Land in farms	615 185	431 487	73 006	86 535	81 497	79 707	5 038	3 738	24 157
acres	99	84	152	159	165	163	99	83	361
Average size of farm									
M MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text)	6 216	5 124	481	544	493	489	51	45	67
farms	340 464	145 101	31 307	155 573	128 448	125 808	27 125	11 432	8 484
\$1,000									
Average per farm	54 772	28 316	65 088	285 979	260 543	257 276	531 866	254 038	126 625
Farms by value of sales:									
Less than \$1,000 (see text)	1 133	1 044	50	31	28	28	3	3	8
\$1,000 to \$2,499	1 034	939	59	28	26	26	2	-	8
\$2,500 to \$4,999	830	759	40	20	19	19	1	-	11
\$5,000 to \$9,999	720	625	54	36	31	30	5	5	5
\$10,000 to \$19,999	591	467	55	61	57	57	4	4	8
\$20,000 to \$24,999	179	141	16	19	17	17	2	2	3
\$25,000 to \$39,999	356	288	33	30	25	25	5	5	5
\$40,000 to \$49,999	138	106	19	11	10	10	1	1	2
\$50,000 to \$99,999	515	364	64	80	70	70	10	10	7
\$100,000 to \$249,999	475	301	72	97	93	91	4	4	5
\$250,000 to \$499,999	148	71	13	63	62	62	1	1	1
\$500,000 to \$999,999	53	12	4	35	29	29	6	6	2
\$1,000,000 or more	44	7	2	33	26	25	7	4	2
Grains	78	61	10	6	5	5	1	1	1
farms	785	459	195	(D)	56	56	(D)	(D)	(D)
\$1,000									
Sales of \$50,000 or more	farms	5	3	1	-	-	-	-	1
	\$1,000	(D)	(D)	-	-	-	-	-	(D)
Com for grain	67	51	10	5	4	4	1	1	1
farms	729	433	195	(D)	(D)	(D)	(D)	(D)	(D)
Wheat	farms	3	3	-	-	-	-	-	-
\$1,000	(D)	(D)	-	-	-	-	-	-	-
Soybeans	farms	-	-	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-	-	-	-
Sorghum for grain	farms	-	-	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-	-	-	-
Barley	farms	-	-	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-	-	-	-
Oats	farms	5	5	-	-	-	-	-	-
\$1,000	(D)	(D)	-	-	-	-	-	-	-
Other grains	farms	7	6	-	1	1	-	-	-
\$1,000	39	(D)	-	(D)	(D)	(D)	-	-	-
Cotton and cottonseed	farms	-	-	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-	-	-	-
Sales of \$50,000 or more	farms	-	-	-	-	-	-	-	-
	\$1,000	-	-	-	-	-	-	-	-
Tobacco	farms	21	12	4	5	3	2	2	-
\$1,000	4 587	861	498	3 228	(D)	(D)	(D)	(D)	-
Sales of \$50,000 or more	farms	11	4	2	5	3	2	2	-
	\$1,000	4 355	(D)	3 228	(D)	(D)	(D)	(D)	-
Hay, silage, and field seeds	farms	1 569	1 335	144	72	66	6	5	18
\$1,000	7 803	5 893	1 307	386	345	345	41	(D)	217
Sales of \$50,000 or more	farms	18	10	6	1	1	-	-	1
	\$1,000	1 250	673	(D)	(D)	(D)	-	-	(D)
Vegetables, sweet corn, and melons	farms	1 007	821	104	72	66	6	6	10
\$1,000	25 179	17 350	4 404	3 276	3 180	3 180	97	97	148
Sales of \$50,000 or more	farms	138	93	24	21	21	-	-	-
	\$1,000	15 627	9 703	3 355	2 570	2 570	-	-	-
Fruits, nuts, and berries	farms	1 186	903	99	167	155	12	11	17
\$1,000	92 349	30 003	8 943	49 100	45 637	(D)	3 463	(D)	4 303
Sales of \$50,000 or more	farms	305	167	25	108	99	9	8	5
	\$1,000	83 747	23 374	7 962	48 248	44 866	(D)	3 382	(D)
Nursery and greenhouse crops	farms	824	565	69	181	169	12	12	9
\$1,000	80 867	23 879	4 118	51 245	46 979	46 979	4 266	4 266	1 624
Sales of \$50,000 or more	farms	212	95	21	95	84	11	11	1
	\$1,000	73 509	18 654	(D)	49 817	(D)	(D)	(D)	(D)
Other crops	farms	114	84	17	10	8	2	2	3
\$1,000	4 285	1 401	239	2 628	(D)	(D)	(D)	(D)	17
Sales of \$50,000 or more	farms	12	6	2	4	4	-	-	-
	\$1,000	3 520	(D)	(D)	2 568	2 568	-	-	-
Poultry and poultry products	farms	498	403	32	49	43	6	5	14
\$1,000	23 149	4 910	241	17 634	14 741	(D)	2 893	(D)	365
Sales of \$50,000 or more	farms	44	19	2	22	19	3	2	1
	\$1,000	22 016	4 068	(D)	17 489	14 596	2 893	(D)	(D)
Dairy products	farms	609	464	83	52	50	2	2	10
\$1,000	63 309	42 876	9 158	10 205	(D)	(D)	(D)	(D)	1 070
Sales of \$50,000 or more	farms	409	299	60	42	41	1	1	8
	\$1,000	58 969	39 293	(D)	9 910	(D)	(D)	(D)	(D)
Cattle and calves	farms	1 725	1 448	171	84	78	6	6	22
\$1,000	11 297	7 766	1 481	1 882	1 822	(D)	61	61	169
Sales of \$50,000 or more	farms	25	15	4	6	6	-	-	-
	\$1,000	2 563	1 379	272	912	912	-	-	-

See footnotes at end of table.

Table 49. Summary by Type of Organization: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, institutional, etc.	
				Total	Family held		Other than family held			
					Total	10 or less stock-holders	Total	10 or less stock-holders		
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.										
Total sales (see text)—Con.										
Hogs and pigs	farms \$1,000... Sales of \$50,000 or more	387 4 220 15 \$1,000...	324 2 765 10 1 548	28 332 2 (D)	26 1 058 3 (D)	23 1 051 3 (D)	23 1 051 3 (D)	3 7 — —	1 (D) — —	
Sheep, lambs, and wool	farms \$1,000... Sales of \$50,000 or more	563 884 1 \$1,000...	500 483 — (D)	29 166 — —	21 (D) 1 (D)	19 196 1 (D)	18 (D) 1 (D)	2 (D) — —	2 (D) — —	
Other livestock and livestock products (see text)	farms \$1,000... Sales of \$50,000 or more	722 21 749 25 \$1,000...	641 6 456 13 4 123	35 225 2 (D)	38 14 644 9 14 452	35 1 218 7 (D)	35 1 218 7 (D)	3 13 427 2 (D)	2 (D) 1 (D)	
FARM PRODUCTION EXPENSES¹										
Total farm production expenses	farms \$1,000... Average per farm	6 216 251 496 40 460	5 032 106 700 21 204	516 22 781 44 150	574 114 312 199 149	515 91 753 178 160	512 90 242 176 254	59 22 559 382 356	55 8 922 162 213	
Livestock and poultry purchased	farms \$1,000...	1 559 11 441	1 270 5 913	136 615	117 4 771	109 2 704	108 (D)	8 2 067	6 (D)	
Farms with expenses of—	\$1 to \$4,999 \$5,000 to \$24,999 \$25,000 to \$99,999 \$100,000 or more	1 238 242 64 15	1 049 174 41 6	104 27 5 —	60 30 18 9	60 25 17 7	59 25 17 7	— 5 1 2	25 11 — —	
Feed for livestock and poultry	farms \$1,000...	2 893 33 525	2 417 16 621	243 2 925	199 13 357	176 10 044	175 (D)	23 3 313	21 (D)	
Farms with expenses of—	\$1 to \$4,999 \$5,000 to \$24,999 \$25,000 to \$99,999 \$100,000 or more	2 130 448 271 44	1 894 332 173 18	135 72 34 2	79 39 58 23	74 35 48 19	74 35 47 19	5 4 10 4	22 5 10 2	
Commercially mixed formula feeds	farms \$1,000...	1 552 26 256	1 216 11 531	163 2 271	142 11 960	123 9 023	122 (D)	19 2 938	17 (D)	
Farms with expenses of—	\$1 to \$4,999 \$5,000 to \$24,999 \$25,000 to \$79,999 \$80,000 or more	992 322 192 46	849 217 130 20	77 59 24 3	46 41 33 22	42 30 32 19	42 30 31 19	4 11 1 3	4 11 1 1	
Seeds, bulbs, plants, and trees	farms \$1,000...	2 429 6 227	1 857 2 592	273 467	268 2 893	247 2 739	246 (D)	21 154	21 154	
Farms with expenses of—	\$1 to \$999 \$1,000 to \$4,999 \$5,000 to \$24,999 \$25,000 or more	1 651 618 121 39	1 370 398 75 14	135 123 13 2	124 89 33 22	109 86 31 21	109 85 31 21	15 3 2 1	15 11 2 1	
Commercial fertilizer	farms \$1,000...	3 858 8 953	3 029 4 708	379 1 135	391 2 880	354 2 595	351 2 478	37 284	36 (D)	
Farms with expenses of—	\$1 to \$4,999 \$5,000 to \$24,999 \$25,000 to \$49,999 \$50,000 or more	3 420 398 28 12	2 773 248 8 —	315 59 3 2	285 80 17 9	255 78 14 7	254 78 13 6	30 2 3 2	30 2 2 1	
Agricultural chemicals	farms \$1,000...	3 027 7 319	2 276 3 216	302 796	405 3 102	379 2 919	376 2 882	26 182	25 (D)	
Farms with expenses of—	\$1 to \$4,999 \$5,000 to \$24,999 \$25,000 to \$49,999 \$50,000 or more	2 719 264 29 15	2 121 151 2 2	266 31 4 1	293 78 23 11	273 74 22 10	271 74 21 10	20 4 1 1	20 4 1 —	
Petroleum products	farms \$1,000...	5 859 12 042	4 712 5 950	497 1 263	557 4 605	498 4 159	495 4 132	59 445	55 363	
Farms with expenses of—	\$1 to \$4,999 \$5,000 to \$24,999 \$25,000 to \$49,999 \$50,000 or more	5 438 369 32 20	4 500 204 6 2	446 45 4 2	408 112 22 15	362 104 19 13	361 102 40 13	46 8 5 2	45 6 4 2	
Gasoline and gasohol	farms \$1,000...	5 243 5 325	4 218 3 066	445 569	505 1 572	449 1 403	446 1 385	56 170	52 127	
Diesel fuel	farms \$1,000...	2 743 2 585	2 080 1 394	282 329	325 794	292 741	290 (D)	33 53	30 53	
Natural gas	farms \$1,000...	175 841	113 223	13 109	46 506	41 454	40 (D)	5 51	4 (D)	
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms \$1,000...	3 773 3 291	2 967 1 266	320 256	433 1 733	381 1 562	378 1 559	52 171	48 163	

See footnotes at end of table.

Table 49. Summary by Type of Organization: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	Corporation				Other—cooperative, estate or trust, institutional, etc.		
				Total	Family held		Other than family held			
					Total	10 or less stock-holders	Total	10 or less stock-holders		
FARM PRODUCTION EXPENSES¹										
—Con.										
Total farm production expenses—Con.										
Electricity	farms-\$1,000-	4 286 5 959	3 356 2 749	430 592	438 2 527	392 1 794	389 1 775	46 733	42 358	62 90
Farms with expenses of—										
\$1 to \$999		3 151	2 658	278	167	149	148	18	17	48
\$1,000 to \$4,999		895	594	129	164	154	154	10	10	8
\$5,000 to \$24,999		225	104	21	95	80	78	15	14	5
\$25,000 or more		15	—	2	12	9	9	3	1	1
Hired farm labor	farms-\$1,000-	2 185 66 579	1 546 18 162	203 5 135	391 40 076	357 30 593	354 30 305	34 9 483	30 3 590	45 3 206
Farms with expenses of—										
\$1 to \$4,999		1 095	904	85	80	75	75	5	4	26
\$5,000 to \$24,999		617	444	67	95	91	90	4	4	11
\$25,000 to \$99,999		362	183	44	131	118	117	13	13	4
\$100,000 or more		111	15	7	85	73	72	12	9	4
Contract labor	farms-\$1,000-	1 025 7 906	734 2 726	77 673	199 4 332	173 3 970	172 (D)	26 362	26 362	15 174
Farms with expenses of—										
\$1 to \$999		408	314	31	59	59	59	—	—	4
\$1,000 to \$4,999		332	268	22	32	28	28	4	4	10
\$5,000 to \$24,999		231	136	17	78	58	57	20	20	—
\$25,000 or more		54	16	7	30	28	28	2	2	1
Repair and maintenance	farms-\$1,000-	5 222 16 873	4 195 9 185	454 1 803	530 5 446	472 5 038	469 4 934	58 407	54 330	43 439
Farms with expenses of—										
\$1 to \$4,999		4 353	3 721	353	250	215	215	35	34	29
\$5,000 to \$24,999		785	446	97	232	213	211	19	18	10
\$25,000 to \$49,999		55	23	2	27	23	23	4	2	3
\$50,000 or more		29	5	2	21	21	20	—	—	1
Customwork, machine hire, end rental of machinery and equipment	farms-\$1,000-	1 276 3 570	976 1 333	142 359	151 1 853	146 1 775	145 (D)	5 77	4 (D)	7 25
Farms with expenses of—										
\$1 to \$999		781	641	73	63	62	62	1	1	4
\$1,000 to \$4,999		362	281	49	31	31	31	—	—	1
\$5,000 to \$24,999		115	50	18	45	42	41	3	2	2
\$25,000 or more		18	4	2	12	11	11	1	1	—
Interest expense	farms-\$1,000-	1 981 13 788	1 497 7 331	185 1 531	282 4 433	251 3 909	249 (D)	31 524	30 (D)	17 492
Farms with expenses of—										
\$1 to \$4,999		1 395	1 099	126	156	143	142	13	13	14
\$5,000 to \$24,999		485	356	49	78	67	66	11	11	2
\$25,000 to \$99,999		88	40	8	40	33	33	7	6	—
\$100,000 or more		13	2	2	8	8	8	—	—	1
Secured by real estate	farms-\$1,000-	1 410 10 563	1 084 5 812	118 1 167	203 3 127	177 2 847	175 (D)	26 280	25 (D)	5 457
Farms with expenses of—										
\$1 to \$999		281	233	19	28	28	28	—	—	1
\$1,000 to \$4,999		659	521	58	79	67	66	12	12	1
\$5,000 to \$24,999		391	296	33	60	49	48	11	10	2
\$25,000 or more		79	34	8	36	33	33	3	3	1
Not secured by real estate	farms-\$1,000-	950 3 225	701 1 519	91 364	145 1 306	136 1 061	136 1 061	9 245	8 (D)	13 36
Farms with expenses of—										
\$1 to \$999		440	370	30	36	36	36	—	—	4
\$1,000 to \$4,999		375	258	48	60	59	59	1	1	9
\$5,000 to \$24,999		112	66	12	34	31	31	3	3	—
\$25,000 or more		23	7	1	15	10	10	5	4	—
Cash rent	farms-\$1,000-	1 092 3 848	766 1 843	144 356	172 1 581	156 1 404	155 (D)	16 177	16 177	10 68
Farms with expenses of—										
\$1 to \$4,999		918	668	121	120	106	106	14	14	9
\$5,000 to \$9,999		86	57	14	15	15	14	—	—	—
\$10,000 to \$24,999		65	37	9	19	19	19	—	—	—
\$25,000 or more		23	4	—	18	16	16	2	2	1
Property taxes	farms-\$1,000-	5 817 15 219	4 747 9 907	507 1 642	482 3 260	442 2 966	439 2 906	40 294	37 209	81 411
Farms with expenses of—										
\$1 to \$4,999		5 240	4 409	440	327	296	295	31	31	64
\$5,000 to \$9,999		397	250	56	80	78	77	2	2	11
\$10,000 to \$24,999		150	80	10	56	52	52	4	3	4
\$25,000 or more		30	8	1	19	16	15	3	1	2
All other farm production expenses	farms-\$1,000-	5 700 38 248	4 567 14 465	502 3 490	561 19 196	503 15 142	500 14 387	58 4 054	54 1 252	70 1 097
Farms with expenses of—										
\$1 to \$4,999		4 694	3 971	379	285	252	250	33	32	59
\$5,000 to \$24,999		744	479	97	162	156	156	6	6	6
\$25,000 to \$49,999		143	81	16	44	33	33	11	11	11
\$50,000 or more		119	36	10	70	62	61	8	5	3

See footnotes at end of table.

Table 49. Summary by Type of Organization: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	Corporation				Other—cooperative, estate or trust, institutional, etc.
				Total	Family held		Other than family held	
					Total	10 or less stockholders	Total	10 or less stockholders
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT¹								
All farms—	number— \$1,000— dollars—	6 216 84 172 13 541	5 032 34 010 6 758	516 8 557 16 583	574 40 792 71 066	515 35 984 69 872	512 34 864 68 094	59 4 808 81 484
Average per farm—								55 2 754 50 067
Farms with net gains ² —	number— dollars—	3 017 35 387	2 235 22 394	345 29 260	378 119 659	339 116 164	336 113 868	39 150 036 105 483
Average net gain—								59 36 23 482
Gain of—								
Less than \$1,000—		374	332	23	5	5	5	
\$1,000 to \$9,999—		1 131	873	121	104	98	98	6 14
\$10,000 to \$49,999—		1 077	798	149	126	110	109	16 16
\$50,000 or more—		435	232	52	143	126	124	17 14
Farms with net losses—	number— dollars—	3 199 7 062	2 787 5 735	8 171 8 982	196 22 650	176 19 293	176 19 293	20 52 193
Average net loss—								(D) 19 16 350
Loss of—								
Less than \$1,000—		463	435	16	11	10	10	1 1
\$1,000 to \$9,999—		2 195	1 987	112	77	77	77	— 19
\$10,000 to \$49,999—		490	355	43	80	71	71	9 9
\$50,000 or more—		51	20	—	28	18	18	10 10
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME								
Government payments—	farms— \$1,000— farms—	400 2 213 1 361	302 862 1 113	55 370 136	37 874 102	36 (D) 101	35 (D) 100	1 1 1
Other farm-related income ¹ —	farms— \$1,000— farms—	5 802	3 820	582	1 388	(D)	(D)	(D) — 10
Customwork and other agricultural services—	farms— \$1,000— farms—	449 2 163	372 1 471	31 153	40 533	40 533	40 533	— — 6 6
Gross cash rent or share payments—	farms— \$1,000— farms—	300 477 479	237 165 165	47 (D)	14 12	13 12	13 (D)	1 — (D) 2
Forest products and Christmas trees—	farms— \$1,000— farms—	570 1 780	462 1 303	85 148	41 (D)	41 (D)	41 (D)	— — (D) 2
Other farm-related income sources—	farms— \$1,000— farms—	368 1 382	275 746	58 115	34 (D)	34 (D)	33 (D)	— — — 1 (D)
COMMODITY CREDIT CORPORATION LOANS								
Total—	farms— \$1,000— farms—	8 159 5	5 34 3	2 (D) 1	1 (D) 1	— <td>—<td>1 (D) 1</td></td>	— <td>1 (D) 1</td>	1 (D) 1
Com—	farms— \$1,000— farms—	— (D) —	— (D) —	— <td>—<td>—<td>—<td>— — —</td></td></td></td>	— <td>—<td>—<td>— — —</td></td></td>	— <td>—<td>— — —</td></td>	— <td>— — —</td>	— — —
Wheat—	farms— \$1,000— farms—	— — —	— <td>—<td>—<td>—<td>—<td>— — —</td></td></td></td></td>	— <td>—<td>—<td>—<td>— — —</td></td></td></td>	— <td>—<td>—<td>— — —</td></td></td>	— <td>—<td>— — —</td></td>	— <td>— — —</td>	— — —
Soybeans—	farms— \$1,000— farms—	— <td>—<td>—<td>—<td>—<td>—<td>— — —</td></td></td></td></td></td>	— <td>—<td>—<td>—<td>—<td>— — —</td></td></td></td></td>	— <td>—<td>—<td>—<td>— — —</td></td></td></td>	— <td>—<td>—<td>— — —</td></td></td>	— <td>—<td>— — —</td></td>	— <td>— — —</td>	— — —
Sorghum, barley, and oats—	farms— \$1,000— farms—	— <td>—<td>—<td>—<td>—<td>—<td>— — —</td></td></td></td></td></td>	— <td>—<td>—<td>—<td>—<td>— — —</td></td></td></td></td>	— <td>—<td>—<td>—<td>— — —</td></td></td></td>	— <td>—<td>—<td>— — —</td></td></td>	— <td>—<td>— — —</td></td>	— <td>— — —</td>	— — —
Cotton—	farms— \$1,000— farms—	— <td>—<td>—<td>—<td>—<td>—<td>— — —</td></td></td></td></td></td>	— <td>—<td>—<td>—<td>—<td>— — —</td></td></td></td></td>	— <td>—<td>—<td>—<td>— — —</td></td></td></td>	— <td>—<td>—<td>— — —</td></td></td>	— <td>—<td>— — —</td></td>	— <td>— — —</td>	— — —
Peanuts, rye, rice, tobacco, end honey—	farms— \$1,000— farms—	3 (D)	2 (D)	1 (D)	— <td>—<td>—<td>— — —</td></td></td>	— <td>—<td>— — —</td></td>	— <td>— — —</td>	— — —
LAND IN FARMS ACCORDING TO USE								
Total cropland—	farms— acres— farms— acres—	5 654 272 588 5 084	4 656 188 541 4 141	450 35 187 422	488 40 674 467	445 37 876 426	441 37 458 423	43 2 798 41
Harvested cropland—	farms— acres— farms— acres—	194 674	132 454	25 719	32 047	29 871	29 472	2 176
Farms by acres harvested:								
1 to 49 acres—		4 028	3 404	263	328	300	299	28 28 33
50 to 99 acres—		544	422	71	45	43	43	2 2 6
100 to 199 acres—		336	215	59	53	43	42	10 8 9
200 to 499 acres—		153	90	25	33	33	32	— — 5
500 to 999 acres—		21	10	4	6	5	5	1 1 1
1,000 to 1,999 acres—		1	—	—	1	1	1	— — —
2,000 acres or more—		1	—	—	1	1	1	— — —
Cropland:								
Pasture or grazing only—	farms— acres— farms— acres—	2 164 52 884	1 853 40 846	194 7 286	91 3 852	84 3 709	83 (D)	7 143 7 143
In cover crops, legumes, end soil-improvement grasses, not harvested and not pastured—	farms— acres— farms— acres—	382 6 986 208	285 3 510 167	37 491 18	36 2 650 20	33 2 286 20	33 2 286 20	3 364 —
On which all crops failed—	farms— acres— farms— acres—	1 531	1 193	157	158	158	158	— — 23
In cultivated summer fallow—	farms— acres— farms— acres—	73 946	55 719	7	8	8	8	— — 3 43
Idle—	farms— acres— farms— acres—	857 15 367	689 9 819	71 1 444	86 1 873	79 1 758	78 (D)	7 115 7 115
Total woodland—	farms— acres— farms— acres—	3 382 225 442 1 049	2 829 167 401 882	275 26 932 97	236 21 769 57	219 20 960 53	217 (D) 52	17 809 4
Woodland pastured—	farms— acres— farms— acres—	35 745	28 187	4 522	1 776	1 736	(D)	40 40
Woodland not pastured—	farms— acres— farms— acres—	2 933	2 450	233	215	201	200	14 12 35
		189 607	139 204	22 410	19 993	19 224	(D)	769 809 8 090

See footnotes at end of table.

Table 49. Summary by Type of Organization: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	Total	Corporation				Other—cooperative, estate or trust, institutional, etc.	
					Family held		Other than family held			
					Total	10 or less stockholders	Total	10 or less stockholders		
LAND IN FARMS ACCORDING TO USE—Con.										
Pastureland and rangeland other than cropland and woodland pastured	farms— acres—	1 269 44 998	1 085 25 629	90 5 733	76 9 174	70 8 959	69 (D)	6 215	3 15	18 4 462
Land in house lots, ponds, roads, wasteland, etc.	farms— acres—	4 123 72 157	3 379 49 916	318 5 154	387 14 918	354 13 702	350 12 414	33 1 216	29 906	39 2 169
Cropland under federal acreage reduction programs:										
Annual commodity acreage adjustment programs	farms— acres—	23 829	13 431	5 198	5 200	4 (D)	4 (D)	1 (D)	1 (D)	— —
Conservation reserve program	farms— acres—	19 677	12 278	2 (D)	3 317	3 317	3 317	— —	— (D)	2 —
Value of land and buildings ¹	farms— \$1,000—	6 216 2 154 033	5 032 1 569 112	516 212 377	574 308 292	515 281 127	512 276 606	59 27 165	55 21 309	94 64 252
Average per farm	dollars— dollars—	346 530 3 553	311 827 3 711	411 583 2 750	537 094 3 701	545 878 3 552	540 246 3 574	460 424 6 536	387 436 7 160	683 532 2 801
Farms by value group:										
\$1 to \$39,999		640	519	29	76	74	74	2	2	16
\$40,000 to \$69,999		488	413	35	32	22	22	10	10	8
\$70,000 to \$99,999		455	410	29	7	6	6	1	1	9
\$100,000 to \$149,999		771	654	54	47	36	36	11	11	16
\$150,000 to \$199,999		761	643	73	43	41	41	2	1	2
\$200,000 to \$499,999		1 921	1 519	170	218	195	194	23	23	14
\$500,000 to \$999,999		786	610	74	86	83	83	3	3	16
\$1,000,000 to \$1,999,999		268	194	33	35	31	30	4	2	6
\$2,000,000 to \$4,999,999		114	67	18	23	20	19	3	2	6
\$5,000,000 or more		12	3	1	7	7	7	—	—	1
VALUE OF MACHINERY AND EQUIPMENT¹										
Estimated market value of all machinery and equipment	farms— \$1,000—	6 207 198 868	5 023 127 375	516 24 639	574 40 524	515 35 470	512 34 639	59 5 054	55 3 769	94 6 331
Farms by value group:										
\$1 to \$4,999		679	624	24	30	29	29	1	1	1
\$5,000 to \$9,999		1 426	1 224	124	75	63	63	12	12	3
\$10,000 to \$19,999		1 271	1 041	102	88	84	84	4	4	40
\$20,000 to \$49,999		1 701	1 404	120	147	131	131	16	15	30
\$50,000 to \$99,999		704	515	75	106	94	93	12	11	8
\$100,000 to \$199,999		327	185	56	78	69	68	9	9	8
\$200,000 to \$499,999		86	29	14	41	38	38	3	2	2
\$500,000 or more		13	1	1	9	7	6	2	1	2
SELECTED MACHINERY AND EQUIPMENT¹										
Motortrucks, including pickups	farms— number—	5 204 10 957	4 131 7 762	458 1 064	526 1 851	470 1 724	467 1 683	56 127	52 104	89 280
Wheel tractors	farms— number—	5 360 13 160	4 313 9 861	480 1 501	489 1 584	434 1 480	432 (D)	55 104	51 92	78 214
Less than 40 horsepower (PTO)	farms— number—	4 235 7 624	3 417 5 895	386 804	374 831	329 771	328 (D)	45 60	42 55	58 94
40 horsepower (PTO) or more	farms— number—	2 915 5 536	2 269 3 966	304 697	289 753	269 709	267 (D)	20 44	16 37	53 120
Grain and bean combines	farms— number—	52 60	30 32	12 18	7 (D)	6 (D)	1 (D)	1 (D)	1 —	3 3
Cottonpickers and strippers	farms— number—	— —	— —	— —	— —	— —	— —	— —	— —	— —
Mower conditioners	farms— number—	1 586 1 783	1 306 1 433	139 158	106 154	103 150	102 (D)	3 4	2 (D)	35 38
Pickup balers	farms— number—	1 820 1 993	1 518 1 638	195 223	69 88	67 (D)	66 (D)	2 2	1 (D)	38 44
AGRICULTURAL CHEMICALS¹										
Commercial fertilizer	farms— acres on which used—	3 858 138 832	3 029 88 101	379 20 357	391 26 648	354 25 321	351 24 912	37 1 327	36 (D)	59 3 726
Lime	farms— acres on which used—	1 339 23 208	1 068 14 857	132 3 367	117 3 937	100 3 730	99 (D)	17 207	17 220	22 1 047
Sprays, dusts, granules, fumigants, etc., to control—	farms— acres on which used—	33 838 49 252	22 611 25 615	5 701 6 526	4 573 15 711	4 351 14 729	4 351 14 375	222 982	222 (D)	953 1 400
Insects on hay and other crops	farms— acres on which used—	2 049 49 252	1 502 25 615	188 6 526	325 15 711	305 14 729	302 14 375	20 982	19 (D)	34 1 400
Nematodes in crops	farms— acres on which used—	152 5 212	86 2 013	29 771	29 2 270	26 2 060	26 2 060	3 210	3 210	8 158
Diseases in crops and orchards	farms— acres on which used—	1 093 25 050	771 12 100	113 3 240	181 9 394	173 8 846	172 (D)	8 548	7 (D)	28 316
Weeds, grass, or brush in crops and pasture	farms— acres on which used—	1 690 57 337	1 231 32 057	205 8 227	230 15 159	222 14 529	220 (D)	8 630	7 (D)	24 1 894
Chemicals for defoliation or for growth control of crops or thinning of fruit	farms— acres on which used—	255 5 928	198 2 829	12 308	45 2 791	42 2 779	42 2 779	3 12	3 12	— —

See footnotes at end of table.

Table 49. Summary by Type of Organization: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, institutional, etc.	
				Total	Family held		Other than family held			
					Total	10 or less stockholders	Total	10 or less stockholders		
TENURE AND RACE OF OPERATOR										
All operators -----	6 216	5 124	481	544	493	489	51	45	67	
Full owners -----	4 313	3 653	270	338	309	306	29	23	52	
Part owners -----	1 449	1 145	173	117	112	111	5	5	14	
Tenants -----	454	326	38	89	72	72	17	17	1	
White -----	6 190	5 101	481	541	490	486	51	45	67	
Full owners -----	4 294	3 636	270	336	307	304	29	23	52	
Part owners -----	1 445	1 142	173	116	111	110	5	5	14	
Tenants -----	451	323	38	89	72	72	17	17	1	
Black and other races -----	26	23	-	3	3	3	-	-	-	
Full owners -----	19	17	-	2	2	2	-	-	-	
Part owners -----	4	3	-	1	1	1	-	-	-	
Tenants -----	3	3	-	-	-	-	-	-	-	
OWNED AND RENTED LAND										
Land owned -----	farms... 5 764	4 800	443	455	421	417	34	28	66	
acres... 505 108	356 306	56 052	68 594	(D)	63 291	(D)	24	24	156	
Owned land in farms -----	farms... 5 762	4 798	443	455	421	417	34	28	66	
acres... 491 079	345 249	55 161	67 740	64 138	(D)	3 602	(D)	22	929	
Land rented or leased from others -----	farms... 1 922	1 488	213	206	184	183	22	22	15	
acres... 125 835	87 269	18 383	18 955	(D)	(D)	(D)	(D)	1	228	
Rented or leased land in farms -----	farms... 1 903	1 471	211	206	184	183	22	22	15	
acres... 124 106	86 238	17 845	18 795	17 359	(D)	(D)	(D)	1	228	
Land rented or leased to others -----	farms... 402	328	35	31	30	29	1	-	8	
acres... 15 758	12 088	1 429	1 014	(D)	(D)	(D)	-	1	227	
OPERATOR CHARACTERISTICS										
Operators by place of residence:										
On farm operated -----	4 918	4 201	375	308	293	292	15	15	34	
Not on farm operated -----	960	653	86	197	167	165	30	25	24	
Not reported -----	338	270	20	39	33	32	6	5	9	
Operators by principal occupation:										
Farming -----	3 174	2 455	301	380	350	347	30	27	38	
Other -----	3 042	2 669	180	164	143	142	21	18	29	
Operators by days of work off farm:										
None -----	2 371	1 799	231	308	280	277	28	24	33	
Any -----	3 516	3 063	227	197	178	177	19	17	29	
1 to 99 days -----	552	456	40	50	44	44	6	5	6	
100 to 199 days -----	681	581	52	39	36	35	3	2	9	
200 days or more -----	2 283	2 026	135	108	98	98	10	10	14	
Not reported -----	329	262	23	39	35	35	4	4	5	
Operators by years on present farm:										
2 years or less -----	249	201	20	21	13	13	8	8	7	
3 or 4 years -----	449	365	44	38	34	34	4	3	2	
5 to 9 years -----	1 165	979	81	91	78	78	13	13	14	
10 years or more -----	3 421	2 817	285	293	280	277	13	11	26	
Average years on present farm -----	18.8	18.7	20.4	18.9	19.7	19.6	10.1	9.1	16.8	
Not reported -----	932	762	51	101	88	87	13	10	18	
Operators by age group:										
Under 25 years -----	50	44	4	2	2	2	-	-	-	
25 to 34 years -----	590	474	51	57	48	48	9	9	8	
35 to 44 years -----	1 477	1 203	123	137	123	123	14	14	14	
45 to 49 years -----	687	571	46	65	58	57	7	7	5	
50 to 54 years -----	642	546	35	56	51	51	5	5	5	
55 to 59 years -----	642	519	48	70	65	65	5	4	5	
60 to 64 years -----	663	534	65	55	53	52	2	-	9	
65 to 69 years -----	595	506	41	35	34	34	1	1	13	
70 years and over -----	870	727	68	67	59	57	8	5	8	
Average age -----	52.6	52.7	52.4	51.6	51.9	51.8	48.6	45.7	53.8	
Operators by sex:										
Male -----	5 415	4 407	446	503	458	454	45	39	59	
Female -----	801	717	35	41	35	35	6	6	8	
Operators of Spanish origin (see text) -----	24	18	2	3	2	2	1	1	1	
FARMS BY TYPE OF ORGANIZATION										
Individual or family (sole proprietorship) -----	farms... 5 124	5 124	-	-	-	-	-	-	-	
acres... 431 487	431 487	-	-	-	-	-	-	-	-	
Partnership -----	farms... 481	-	481	-	-	-	-	-	-	
acres... 73 006	-	73 006	-	-	-	-	-	-	-	
Corporation:										
Family held -----	farms... 493	-	-	493	493	489	-	-	-	
acres... 81 497	-	-	-	81 497	81 497	79 707	-	-	-	
More than 10 stockholders -----	farms... 4	-	-	4	4	-	-	-	-	
10 or less stockholders -----	farms... 489	-	-	489	489	489	-	-	-	
Other than family held -----	farms... 51	-	-	51	-	-	51	45	-	
acres... 5 038	-	-	-	5 038	-	-	5 038	3 738	-	
More than 10 stockholders -----	farms... 6	-	-	6	-	-	6	-	-	
10 or less stockholders -----	farms... 45	-	-	45	-	-	45	45	-	
Other—cooperative, estate or trust, institutional, etc. -----	farms... 67	-	-	-	-	-	-	-	67	
acres... 24 157	-	-	-	-	-	-	-	-	24 157	

See footnotes at end of table.

Table 49. Summary by Type of Organization: 1987—Con.

(For meaning of abbreviations and symbols, see introductory text)

Item	Total	Individual or family	Partnership	Total	Corporation				Other— cooperative, estate or trust, institutional, etc.	
					Family held		Other than family held			
					Total	10 or less stock- holders	Total	10 or less stock- holders		
F FARMS BY SIZE										
1 to 9 acres	1 105	920	63	117	108	108	9	9	5	
10 to 49 acres	2 125	1 833	126	155	136	135	19	19	11	
50 to 69 acres	587	499	40	43	38	38	5	2	5	
70 to 99 acres	539	457	37	38	36	36	2	2	7	
100 to 139 acres	566	465	48	47	41	41	6	6	6	
140 to 179 acres	324	258	34	28	26	25	2	2	4	
180 to 219 acres	264	208	32	21	21	21	—	—	3	
220 to 259 acres	163	125	21	14	13	13	1	1	3	
260 to 499 acres	386	280	54	44	38	37	6	3	8	
500 to 999 acres	126	71	23	24	23	23	1	1	8	
1,000 to 1,999 acres	26	8	2	10	10	9	—	—	6	
2,000 acres or more	5	—	1	3	3	3	—	—	1	
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION										
Cash grains (011)	25	23	2	—	—	—	—	—	—	
Field crops, except cash grains (013)	975	861	75	28	22	22	6	5	11	
Cotton (0131)	—	—	—	—	—	—	—	—	—	
Tobacco (0132)	14	9	1	4	2	2	2	2	—	
Sugarcane and sugar beets; Irish potatoes, field crops, except cash grains, n.a.c. (0133, 0134, 0139)	961	852	74	24	20	20	4	3	11	
Vegetables and melons (016)	678	564	73	38	34	34	4	4	3	
Fruits and tree nuts (017)	956	732	69	143	131	129	12	11	12	
Horticultural specialties (018)	630	418	46	160	148	148	12	12	4	
General farms, primarily crop (019)	274	235	25	13	13	13	—	—	1	
Livestock, except dairy, poultry, and animal specialties (021)	1 233	1 105	72	40	33	33	7	5	16	
Beef cattle, except feedlots (0212)	585	539	31	9	7	7	2	2	6	
Dairy farms (024)	556	424	76	49	47	45	2	2	7	
Poultry and eggs (025)	134	100	4	29	26	26	3	2	1	
Animal specialties (027)	676	593	33	43	38	38	5	4	7	
General farms, primarily livestock and animal specialties (029)	79	69	4	1	1	1	—	—	5	
L LIVESTOCK										
Cattle and calves inventory	2 112	1 803	190	94	87	85	7	7	25	
farms	83 065	57 680	11 813	12 026	11 441	(D)	585	585	1 546	
Farms with—										
1 to 9	951	864	53	26	25	24	1	1	8	
10 to 49	657	573	57	21	17	17	4	4	6	
50 to 99	264	213	34	12	11	11	1	1	5	
100 to 199	169	113	39	14	14	14	—	—	3	
200 to 499	66	38	7	18	17	16	1	1	3	
500 or more	5	2	—	3	3	3	—	—	—	
Cows and heifers that had calved	1 757	1 495	157	83	81	79	2	2	22	
farms	46 605	33 614	6 356	5 861	(D)	(D)	(D)	(D)	774	
number	1 124	985	86	40	40	39	—	—	13	
Beef cows	9 692	8 315	907	320	320	(D)	—	—	150	
Farms with—										
1 to 9	869	772	58	31	31	30	—	—	8	
10 to 49	229	192	24	8	8	8	—	—	5	
50 to 99	16	13	2	1	1	1	—	—	—	
100 to 199	9	7	2	—	—	—	—	—	—	
200 to 499	1	1	—	—	—	—	—	—	—	
500 or more	—	—	—	—	—	—	—	—	—	
Milk cows	838	674	89	57	55	53	2	2	18	
farms	36 913	25 299	5 449	5 541	(D)	(D)	(D)	(D)	624	
Farms with—										
1 to 4	256	234	10	5	5	5	—	—	7	
5 to 9	38	29	4	5	5	4	—	—	—	
10 to 49	249	207	25	12	11	11	1	1	5	
50 to 99	193	140	37	11	11	11	—	—	5	
100 to 199	86	55	11	19	19	18	—	—	1	
200 to 499	16	9	2	5	4	4	1	1	—	
500 or more	—	—	—	—	—	—	—	—	—	
Heifers and heifer calves	1 356	1 128	143	64	58	57	6	6	21	
farms	26 965	18 005	4 039	4 411	4 085	(D)	326	326	510	
number	1 170	991	108	52	49	48	3	3	19	
Steers, steer calves, bulls, and bull calves	9 495	6 061	1 418	1 754	(D)	(D)	(D)	(D)	262	
Cattle and calves sold	1 725	1 448	171	84	78	77	6	6	22	
farms	39 668	28 049	5 361	5 678	5 550	(D)	128	128	580	
number	11 297	7 766	1 481	1 882	1 822	(D)	61	61	169	
Calves	1 074	878	117	61	58	57	3	3	18	
farms	20 745	14 689	2 901	2 810	2 774	(D)	36	36	345	
number	1 837	1 347	252	212	195	(D)	16	16	26	
Cattle	1 514	1 270	145	78	74	73	4	4	21	
farms	18 923	13 360	2 460	2 868	2 776	(D)	92	92	235	
number	9 461	6 419	1 229	1 671	1 626	(D)	44	44	142	
Fattened on grain and concentrates	352	308	30	11	11	11	—	—	3	
farms	2 712	1 501	327	867	867	867	—	—	17	
number	1 588	813	171	596	596	596	—	—	8	

See footnotes at end of table.

Table 49. Summary by Type of Organization: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, institutional, etc.	
				Total	Family held		Other than family held			
					Total	10 or less stockholders	Total	10 or less stockholders		
LIVESTOCK—Con.										
Hogs and pigs inventory	farms—number—	498 25 816	419 17 363	39 2 759	28 5 226	27 (D)	27 (D)	1 (D)	1 (D)	12 468
Farms with—										
1 to 24		388	328	34	19	18	18	1	1	7
25 to 49		37	32	1	1	1	1	—	—	3
50 to 99		18	14	2	1	1	1	—	—	1
100 to 199		23	21	—	2	2	2	—	—	—
200 to 499		21	17	1	2	2	2	—	—	1
500 or more		11	7	1	3	3	3	—	—	—
Used or to be used for breeding	farms—number—	211 3 189	175 2 223	14 515	12 370	11 (D)	11 (D)	1 (D)	1 (D)	10 81
Other	farms—number—	444 22 627	374 15 140	35 2 244	24 4 856	23 (D)	23 (D)	1 (D)	1 (D)	11 387
Hogs and pigs sold	farms—number—	387 40 048	324 27 220	28 2 491	26 9 845	23 9 787	23 9 787	3 58	1 (D)	9 492
	\$1,000—	4 220	2 765	332	1 058	1 051	1 051	7	(D)	66
Feeder pigs	farms—number—	98 9 091	84 7 301	7 213	2 (D)	2 (D)	2 (D)	—	—	3 (D)
	\$1,000—	374	241	8	(D)	(D)	(D)	—	—	(D)
Litters of pigs farrowed between—										
Dec. 1 of preceding year and Nov. 30	farms—number—	218 3 837	179 2 837	15 406	14 510	11 502	11 502	3 8	1 (D)	10 84
Dec. 1 and May 31	farms—number—	202 1 882	166 1 386	12 202	14 254	11 (D)	11 (D)	3 7	1 (D)	10 40
June 1 and Nov. 30	farms—number—	165 1 955	136 1 451	11 204	10 256	9 (D)	9 (D)	1 1	1 (D)	8 44
Sheep and lambs of all ages inventory	farms—number—	604 14 761	536 10 441	32 1 776	23 1 538	21 (D)	20 (D)	2 (D)	2 (D)	2 1 006
Ewes 1 year old or older	farms—number—	521 9 597	464 6 819	23 1 216	21 (D)	19 (D)	18 (D)	2 2	2 (D)	13 (D)
Sheep and lambs sold	farms—number—	493 11 548	437 6 942	25 2 074	18 2 020	16 (D)	15 (D)	2 2	2 (D)	13 512
Sheep and lambs shorn	farms—number—	511 13 036	452 9 101	25 1 598	21 1 601	19 (D)	18 (D)	2 2	2 (D)	13 736
	pounds of wool—	95 098	67 284	12 270	11 249	(D)	(D)	(D)	(D)	4 295
Horses and ponies inventory	farms—number—	1 608 11 944	1 422 9 940	99 734	67 996	62 909	62 909	5 87	5 87	20 274
Horses and ponies sold	farms—number—	421 1 230	380 1 066	19 37	19 115	18 (D)	18 (D)	1 1	1 (D)	3 12
Goats inventory	farms—number—	279 2 756	249 2 300	13 195	10 177	8 (D)	7 (D)	2 2	2 (D)	7 84
Goats sold	farms—number—	98 1 187	91 996	2 (D)	2 (D)	2 (D)	2 (D)	—	—	3 25
POULTRY										
Chickens 3 months old or older inventory	farms—number—	738 1 502 202	632 341 820	42 8 085	46 1 144 127	40 933 928	39 (D)	6 210 199	5 (D)	18 8 170
Farms with—										
1 to 399		679	598	40	28	24	23	4	4	13
400 to 3,199		32	21	1	5	5	5	—	—	5
3,200 to 9,999		7	6	1	—	—	—	—	—	—
10,000 to 19,999		4	3	—	1	1	1	—	—	—
20,000 to 49,999		7	2	—	5	5	5	—	—	—
50,000 to 99,999		4	2	—	2	2	2	—	—	—
100,000 or more		5	—	—	5	3	3	2	1	—
Hens and pullets of laying age	farms—number—	733 1 251 356	627 246 484	42 7 955	46 990 706	40 834 631	39 (D)	6 156 075	5 (D)	18 6 211
Pullets 3 months old or older not of laying age	farms—number—	95 250 846	72 95 336	3 130	13 153 421	9 99 297	9 99 297	4 54 124	3 (D)	7 1 959
Hens and pullets sold	farms—number—	192 1 195 566	149 296 097	8 11 575	25 883 045	21 728 522	21 728 522	4 154 523	3 (D)	10 4 849
Broilers and other meat-type chickens sold	farms—number—	37 (D)	33 41 804	1 (D)	1 (D)	1 (D)	1 (D)	—	—	2 (D)
Farms with—										
1 to 1,999		34	31	1	—	—	—	—	—	2
2,000 to 59,999		3	2	—	1	1	1	—	—	—
60,000 to 99,999		—	—	—	—	—	—	—	—	—
100,000 or more		—	—	—	—	—	—	—	—	—
Turkey hens kept for breeding	farms—number—	25 2 140	19 (D)	— (D)	2 (D)	2 (D)	2 (D)	— (D)	— (D)	4 134
Turkeys sold	farms—number—	86 153 714	65 43 957	9 (D)	10 103 600	9 (D)	9 (D)	1 (D)	1 (D)	2 (D)

See footnotes at end of table.

Table 49. Summary by Type of Organization: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Total	Individual or family	Partnership	Corporation				Other— cooperative, estate or trust, institutional, etc.	
						Family held		Other than family held		
						Total	10 or less stock- holders	Total	10 or less stock- holders	
CROPS HARVESTED										
Corn for silage or green chop	farms— acres— tons, green—	604 28 643 524 819	465 18 273 328 528	76 3 978 74 161	48 5 768 112 835	43 5 636 110 345	42 (D) (D)	5 132 2 490	5 132 2 490	15 624 9 295
Irrigated	farms— acres—	6 89	5 (D)	— —	1 (D)	1 (D)	1 (D)	— —	— —	— —
Farms by acres harvested:										
1 to 24 acres		274	228	27	11	7	7	4	4	8
25 to 99 acres		250	187	40	18	18	18	—	—	5
100 to 249 acres		69	46	7	14	13	12	1	1	2
250 to 499 acres		9	3	2	4	4	4	—	—	—
500 acres or more		2	1	—	1	1	1	—	—	—
Irish potatoes	farms— acres— cwt—	93 2 628 615 427	69 1 147 194 018	12 (D)	10 1 279 378 639	8 (D) (D)	8 (D) (D)	2 (D) (D)	2 (D) (D)	2 (D) (D)
Irrigated	farms— acres—	15 150	10 76	3 (D)	2 (D)	1 (D)	1 (D)	1 (D)	1 (D)	— —
Farms by acres harvested:										
0.1 to 4.9 acres		50	38	6	4	3	3	1	1	2
5.0 to 24.9 acres		23	19	3	1	1	1	—	—	—
25.0 to 99.9 acres		15	10	3	2	1	1	1	1	—
100.0 to 249.9 acres		3	2	—	1	1	1	—	—	—
250.0 acres or more		2	—	—	2	2	2	—	—	—
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms— acres— tons, dry—	2 874 121 498 250 559	2 475 91 796 183 852	235 16 093 35 593	131 10 766 24 886	119 10 006 22 991	118 (D) (D)	12 760 1 895	11 760 (D)	33 2 843 6 228
Irrigated	farms— acres—	24 339	20 295	3 (D)	— —	— —	— —	— —	— —	(D)
Farms by acres harvested:										
1 to 24 acres		1 542	1 397	78	55	49	49	6	6	12
25 to 99 acres		1 013	863	105	33	31	30	2	2	12
100 to 249 acres		265	181	43	35	32	32	3	2	6
250 to 499 acres		48	32	7	7	6	6	1	1	2
500 acres or more		6	2	2	1	1	1	—	—	1
Tame hay other than alfalfa, small grain, and wild hay (see text)	farms— acres— tons, dry—	1 699 60 650 120 497	1 453 47 215 91 862	154 8 024 16 680	71 3 880 8 011	65 3 456 7 073	65 3 456 7 073	6 424 938	6 424 938	21 1 531 3 944
Irrigated	farms— acres—	11 219	9 (D)	1 (D)	— —	— —	— —	— —	— —	(D)
Vegetables harvested for sale (see text)	farms— acres—	1 008 16 325	821 11 588	104 2 616	72 2 039	66 1 992	66 1 992	6 46 (D)	6 46 (D)	11 82 4
Irrigated	farms— acres—	312 4 750	239 3 111	39 692	30 928	28 (D)	28 (D)	2 2 (D)	2 2 (D)	19
Farms by acres harvested:										
0.1 to 4.9 acres		438	385	26	23	19	19	4	4	4
5.0 to 24.9 acres		386	308	47	25	23	23	2	2	6
25.0 to 99.9 acres		156	110	25	20	20	20	—	—	1
100.0 to 249.9 acres		26	17	5	4	4	4	—	—	—
250.0 acres or more		2	1	1	—	—	—	—	—	—
Sweet corn harvested for sale	farms— acres—	596 8 444	473 5 995	67 1 336	48 1 065	44 1 064	44 1 064	4 1 (D)	4 1 (D)	8 48 3
Irrigated	farms— acres—	163 2 042	120 1 366	21 243	19 427	17 (D)	17 (D)	2 2 (D)	2 2 (D)	3 7
Land in orchards	farms— acres—	572 9 379	459 5 405	52 752	49 3 109	45 2 821	45 2 821	4 288	4 288	12 114
Irrigated	farms— acres—	57 267	46 175	7 65	3 (D)	3 (D)	3 (D)	— —	— —	(D)
Farms by bearing and nonbearing acres:										
0.1 to 4.9 acres		269	238	21	3	3	3	—	—	7
5.0 to 24.9 acres		201	164	19	14	14	14	—	—	4
25.0 to 99.9 acres		82	49	12	20	18	18	2	2	1
100.0 to 249.9 acres		18	7	—	11	9	9	2	2	—
250.0 acres or more		2	1	—	1	1	1	—	—	—
Berries harvested for sale	farms— acres—	890 13 385	676 4 677	65 1 729	138 6 200	128 5 657	126 (D)	10 543	9 543	11 779
Irrigated	farms— acres—	646 12 499	462 3 994	56 1 685	120 6 146	112 5 607	110 (D)	8 539	7 539	8 674

¹Data are based on a sample of farms.²Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than \$1,000.

Table 50. Summary by Age and Principal Occupation of Operator: 1987

(For meaning of abbreviations and symbols, see introductory text)

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
F FARMS AND LAND IN FARMS								
Farms	number	6 216	3 174	30	310	663	504	649
percent	100.0	51.1	.5	5.0	10.7	8.1	10.4	16.4
Land in farms	acres	615 185	416 937	3 845	30 474	95 881	74 612	95 115
Average size of farm	acres	99	131	128	98	145	148	147
M MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text)	farms	6 216	3 174	30	310	663	504	649
\$1,000	\$1,000	340 464	301 756	900	23 678	75 474	66 522	68 490
Average per farm	dollars	54 772	95 071	29 998	76 381	113 837	131 988	105 532
Farms by value of sales:								
Less than \$1,000 (see text)		1 133	311	2	28	79	45	47
\$1,000 to \$2,499		1 034	295	1	23	55	37	37
\$2,500 to \$4,999		630	310	1	18	42	25	52
\$5,000 to \$9,999		720	340	5	24	55	42	54
\$10,000 to \$19,999		591	347	11	24	70	40	80
\$20,000 to \$24,999		179	98	3	10	23	5	28
\$25,000 to \$39,999		356	258	1	29	62	44	60
\$40,000 to \$49,999		138	110	1	15	25	26	22
\$50,000 to \$89,999		515	436	3	74	82	83	81
\$100,000 to \$249,999		475	440	1	49	101	105	111
\$250,000 to \$499,999		148	141	1	10	34	32	37
\$500,000 to \$999,999		53	48	-	3	15	10	10
\$1,000,000 or more		44	39	-	3	10	10	8
Grains	farms	78	48	-	2	16	5	14
\$1,000	\$1,000	785	651	-	(D)	(D)	100	71
Sales of \$50,000 or more	farms	5	4	-	-	3	1	-
\$1,000	\$1,000	332	(D)	-	-	226	(D)	-
Corn for grain	farms	67	42	-	1	15	4	11
\$1,000	\$1,000	729	598	-	(D)	(D)	88	64
Wheat	farms	3	3	-	-	1	2	-
\$1,000	\$1,000	(D)	(D)	-	-	(D)	(D)	-
Soybeans	farms	-	-	-	-	-	-	-
\$1,000	\$1,000	-	-	-	-	-	-	-
Sorghum for grain	farms	-	-	-	-	-	-	-
\$1,000	\$1,000	-	-	-	-	-	-	-
Barley	farms	-	-	-	-	-	-	-
\$1,000	\$1,000	-	-	-	-	-	-	-
Oats	farms	5	2	-	-	1	1	-
\$1,000	\$1,000	(D)	(D)	-	-	(D)	(D)	-
Other grains	farms	7	6	-	1	1	-	3
\$1,000	\$1,000	39	(D)	-	(D)	(D)	-	(D)
Cotton and cottonseed	farms	-	-	-	-	-	-	-
\$1,000	\$1,000	-	-	-	-	-	-	-
Sales of \$50,000 or more	farms	-	-	-	-	-	-	-
\$1,000	\$1,000	-	-	-	-	-	-	-
Tobacco	farms	21	16	-	2	3	1	5
\$1,000	\$1,000	4 587	2 136	-	(D)	526	(D)	588
Sales of \$50,000 or more	farms	11	8	-	1	2	-	2
\$1,000	\$1,000	4 355	(D)	-	(D)	(D)	-	(D)
Hay, silage, and field seeds	farms	1 569	763	9	56	131	96	135
\$1,000	\$1,000	7 803	5 328	125	647	1 038	845	954
Sales of \$50,000 or more	farms	18	16	-	2	3	4	4
\$1,000	\$1,000	1 250	(D)	-	(D)	160	282	235
Vegetables, sweet corn, and melons	farms	1 007	655	10	81	132	79	156
\$1,000	\$1,000	25 179	21 953	148	3 061	4 874	3 455	6 183
Sales of \$50,000 or more	farms	138	129	-	24	28	18	36
\$1,000	\$1,000	15 627	14 900	-	2 090	3 600	2 548	4 143
Fruits, nuts, and berries	farms	1 186	712	2	83	135	126	150
\$1,000	\$1,000	92 349	84 787	(D)	(D)	33 863	15 795	16 203
Sales of \$50,000 or more	farms	305	270	-	23	75	59	64
\$1,000	\$1,000	83 747	79 963	-	3 331	33 090	14 492	15 353
Nursery and greenhouse crops	farms	824	512	3	69	116	96	109
\$1,000	\$1,000	80 867	71 517	52	6 890	12 074	24 939	13 947
Sales of \$50,000 or more	farms	212	170	-	25	35	45	41
\$1,000	\$1,000	73 509	66 601	-	6 198	10 716	24 102	12 976
Other crops	farms	114	90	1	9	23	12	25
\$1,000	\$1,000	4 285	4 136	(D)	(D)	353	2 028	804
Sales of \$50,000 or more	farms	12	12	-	1	2	2	5
\$1,000	\$1,000	3 520	3 520	-	(D)	(D)	749	(D)
Poultry and poultry products	farms	498	229	1	27	59	28	56
\$1,000	\$1,000	23 149	20 915	(D)	(D)	5 804	714	11 021
Sales of \$50,000 or more	farms	44	38	-	4	13	2	7
\$1,000	\$1,000	22 016	20 252	-	1 574	(D)	10 815	1 521
Dairy products	farms	609	541	4	60	111	120	132
\$1,000	\$1,000	63 309	60 486	492	5 926	12 703	15 235	13 957
Sales of \$50,000 or more	farms	409	393	4	47	78	97	91
\$1,000	\$1,000	58 969	56 827	492	5 575	12 002	14 569	12 902
Cattle and calves	farms	1 725	1 030	9	85	191	170	239
\$1,000	\$1,000	11 297	9 268	45	833	1 889	1 743	2 564
Sales of \$50,000 or more	farms	25	24	-	4	4	4	9
\$1,000	\$1,000	2 563	(D)	-	(D)	485	382	986

See footnotes at end of table.

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

(For meaning of abbreviations and symbols, see introductory text)

Item	Total	Other occupations					
		Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
F FARMS AND LAND IN FARMS							
Farms	3 042	20	280	814	825	656	447
parcels	48,9	3	4,5	13,1	13,3	10,6	7,2
Land in farms	198 248	750	20 192	42 597	53 653	43 544	37 512
Average size of farm	65	38	72	52	65	66	84
acres							
M MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text)	farms	3 042	20	280	814	825	656
\$1,000	\$1,000	38 708	145	4 360	8 503	15 192	7 246
Average per farm	dollars	12 725	7 259	15 571	10 446	18 414	11 046
Farms by value of sales:							
Less than \$1,000 (see text)		822	1	75	240	208	166
\$1,000 to \$2,499		739	6	67	210	200	165
\$2,500 to \$4,999		520	5	45	119	141	131
\$5,000 to \$9,999		380	3	39	95	120	69
\$10,000 to \$19,999		244	2	21	57	63	54
\$20,000 to \$24,999		80	3	11	20	14	13
\$25,000 to \$39,999		98	-	11	30	29	20
\$40,000 to \$49,999		28	-	-	8	13	3
\$50,000 to \$99,999		79	-	5	25	22	18
\$100,000 to \$249,999		35	-	3	11	11	8
\$250,000 to \$499,999		7	-	-	-	5	2
\$500,000 to \$999,999		5	-	3	-	2	-
\$1,000,000 or more		5	-	-	1	3	1
Grains	farms	29	-	3	5	7	11
\$1,000	\$1,000	133	-	52	4	38	29
Sales of \$50,000 or more	farms	1	-	1	-	-	-
\$1,000	(D)	-	(D)	-	-	-	-
Corn for grain	farms	25	-	1	4	7	10
\$1,000	\$1,000	131	-	(D)	(D)	38	(D)
Wheat	farms	-	-	-	-	-	-
\$1,000							
Soybeans	farms	-	-	-	-	-	-
\$1,000							
Sorghum for grain	farms	-	-	-	-	-	-
\$1,000							
Berley	farms	-	-	-	-	-	-
\$1,000							
Oats	farms	3	-	2	1	-	-
\$1,000	\$1,000	(D)	-	(D)	(D)	-	-
Other grains	farms	1	-	-	-	-	-
\$1,000	\$1,000	(D)	-	-	-	(D)	-
Cotton and cottonseed	farms	-	-	-	-	-	-
\$1,000	\$1,000	-	-	-	-	-	-
Sales of \$50,000 or more	farms	-	-	-	-	-	-
\$1,000	\$1,000	-	-	-	-	-	-
Tobacco	farms	5	-	-	2	3	-
\$1,000	\$1,000	2 451	-	-	(D)	(D)	-
Sales of \$50,000 or more	farms	3	-	-	-	3	-
\$1,000	\$1,000	(D)	-	-	-	(D)	-
Hay, silage, and field seeds	farms	806	3	62	192	229	181
\$1,000	\$1,000	2 475	29	315	435	679	539
Sales of \$50,000 or more	farms	2	-	1	-	-	1
\$1,000	\$1,000	(D)	-	(D)	-	-	(D)
Vegetables, sweet corn, and melons	farms	352	9	40	83	80	82
\$1,000	\$1,000	3 226	89	454	809	639	816
Sales of \$50,000 or more	farms	9	-	3	2	1	3
\$1,000	\$1,000	727	-	210	(D)	(D)	281
Fruits, nuts, and berries	farms	474	4	37	138	133	97
\$1,000	\$1,000	7 562	11	259	2 086	3 092	1 296
Sales of \$50,000 or more	farms	35	-	-	13	14	5
\$1,000	\$1,000	3 785	-	-	1 066	1 900	577
Nursery and greenhouse crops	farms	312	1	34	93	82	61
\$1,000	\$1,000	9 350	(D)	(D)	3 346	2 359	1 893
Sales of \$50,000 or more	farms	42	-	5	12	12	10
\$1,000	\$1,000	6 909	-	906	2 660	1 662	1 424
Other crops	farms	24	-	4	5	3	9
\$1,000	\$1,000	147	-	41	45	7	44
Sales of \$50,000 or more	farms	-	-	-	-	-	-
\$1,000	\$1,000	-	-	-	-	-	-
Poultry and poultry products	farms	269	2	28	97	86	31
\$1,000	\$1,000	2 235	(D)	(D)	189	398	1 186
Sales of \$50,000 or more	farms	6	-	1	2	1	2
\$1,000	\$1,000	1 764	-	(D)	(D)	(D)	-
Dairy products	farms	68	-	7	17	16	15
\$1,000	\$1,000	2 823	-	309	426	1 439	440
Sales of \$50,000 or more	farms	16	-	1	4	6	3
\$1,000	\$1,000	2 141	-	(D)	296	1 267	254
Cattle and calves	farms	695	1	66	196	175	156
\$1,000	\$1,000	2 030	(D)	(D)	484	549	544
Sales of \$50,000 or more	farms	1	-	-	-	-	1
\$1,000	\$1,000	(D)	-	-	-	-	(D)

See footnotes at end of table.

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Hogs and pigs	farms--\$1,000--	387	184	2	13	46	26	44
Sales of \$50,000 or more	farms--\$1,000--	4 220	3 082	(D)	(D)	955	535	895
		15	14	-	2	3	5	2
		2 705	(D)	-	(D)	747	425	(D)
Sheep, lambs, and wool	farms--\$1,000--	563	197	1	19	52	34	40
Sales of \$50,000 or more	farms--\$1,000--	884	444	(D)	(D)	(D)	(D)	219
		1	1	-	-	-	-	1
		(D)	(D)	-	-	-	-	(D)
Other livestock and livestock products (see text)	farms--\$1,000--	722	325	2	45	116	51	50
Sales of \$50,000 or more	farms--\$1,000--	21 749	17 051	(D)	(D)	955	1 043	1 084
		25	20	-	1	3	8	5
		19 082	15 497	-	(D)	(D)	726	875
FARM PRODUCTION EXPENSES¹								
Total farm production expenses	farms--\$1,000--	6 216	3 214	40	241	701	511	621
Average per farm	dollars--\$1,000--	251 496	218 295	988	14 441	51 500	46 284	48 834
		40 460	67 920	24 690	59 921	73 467	90 575	78 637
Livestock and poultry purchased	farms--\$1,000--	1 559	826	19	82	161	155	165
Farms with expenses of—		11 441	9 399	58	526	2 041	1 327	2 125
\$1 to \$4,999		1 238	556	18	66	92	88	119
\$5,000 to \$24,999		242	197	1	13	49	57	30
\$25,000 to \$99,999		64	61	-	2	16	9	12
\$100,000 or more		15	12	-	1	4	1	4
Feed for livestock and poultry	farms--\$1,000--	2 893	1 367	20	97	298	220	305
Farms with expenses of—		33 525	29 585	162	1 908	6 070	4 862	9 604
\$1 to \$4,999		2 130	695	10	41	163	79	144
\$5,000 to \$24,999		448	381	9	30	77	79	93
\$25,000 to \$99,999		271	254	1	24	49	55	57
\$100,000 or more		44	37	-	2	9	7	11
Commercially mixed formula feeds	farms--\$1,000--	1 552	860	2	71	170	155	222
Farms with expenses of—		26 256	24 351	(D)	(D)	5 027	3 583	8 581
\$1 to \$4,999		992	325	-	18	64	42	74
\$5,000 to \$24,999		322	311	1	33	57	63	90
\$25,000 to \$79,999		192	182	1	17	38	43	47
\$80,000 or more		46	42	-	3	11	7	11
Seeds, bulbs, plants, and trees	farms--\$1,000--	2 429	1 597	10	119	357	259	370
Farms with expenses of—		6 227	5 681	10	260	1 064	1 602	1 220
\$1 to \$999		1 651	907	9	60	205	140	187
\$1,000 to \$4,999		618	540	1	44	120	76	145
\$5,000 to \$24,999		121	113	-	13	26	32	30
\$25,000 or more		39	37	-	2	6	11	8
Commercial fertilizer	farms--\$1,000--	3 858	2 241	23	186	468	338	478
Farms with expenses of—		8 953	7 807	34	500	2 216	1 864	1 699
\$1 to \$4,999		3 420	1 819	21	161	336	238	375
\$5,000 to \$24,999		398	385	2	22	125	88	95
\$25,000 to \$49,999		28	27	-	3	4	8	6
\$50,000 or more		12	10	-	-	3	4	2
Agricultural chemicals	farms--\$1,000--	3 027	1 941	22	149	400	316	431
Farms with expenses of—		7 319	6 633	4	600	1 777	1 404	1 279
\$1 to \$4,999		2 719	1 664	22	122	331	252	370
\$5,000 to \$24,999		264	235	-	22	56	54	55
\$25,000 to \$49,999		29	28	-	5	10	6	5
\$50,000 or more		15	14	-	-	3	4	1
Petroleum products	farms--\$1,000--	5 859	3 131	40	240	682	500	618
Farms with expenses of—		12 042	9 982	108	857	2 313	2 078	1 998
\$1 to \$4,999		5 438	2 753	31	211	595	403	522
\$5,000 to \$24,999		369	333	9	26	74	85	90
\$25,000 to \$49,999		32	28	-	1	10	7	5
\$50,000 or more		20	17	-	2	3	5	6
Gasoline and gasohol	farms--\$1,000--	5 243	2 847	40	210	647	433	553
Farms with expenses of—		5 325	4 264	53	287	1 029	805	882
\$1 to \$4,999		2 749	1 633	40	160	348	330	316
\$5,000 to \$24,999		2 585	2 180	35	168	581	503	448
Natural gas	farms--\$1,000--	175	110	1	10	32	26	12
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms--\$1,000--	841	717	(D)	(D)	84	308	73
		3 773	2 456	40	203	568	401	523
		3 291	2 822	(D)	(D)	619	462	594

See footnotes at end of table.

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Other occupations					
		Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.							
Total sales (see text)—Con.							
Hogs and pigs	ferms-\$1,000--	203	1	29	75	48	32
Sales of \$50,000 or more	ferms-\$1,000--	1	(D)	1	135	(D)	131
Sheep, lambs, and wool	ferms-\$1,000--	366	1	38	102	123	65
Sales of \$50,000 or more	ferms-\$1,000--	440	(D)	(D)	(D)	122	65
Other livestock and livestock products (see text)	ferms-\$1,000--	397	2	37	126	122	79
Sales of \$50,000 or more	ferms-\$1,000--	4 699	(D)	(D)	442	3 339	264
FARM PRODUCTION EXPENSES ¹							
Total farm production expenses	farms-\$1,000--	3 002	11	278	803	751	673
Average per farm	dollars-\$1,000--	33 201	193	3 732	7 757	11 364	7 039
Livestock and poultry purchased	farms-\$1,000--	2 102	-	377	303	1 048	345
Farms with expenses of—							
\$1 to \$4,999		682	-	79	183	205	146
\$5,000 to \$24,999		45	-	6	24	12	2
\$25,000 to \$99,999		3	-	-	-	2	1
\$100,000 or more		3	-	1	-	1	-
Feed for livestock and poultry	farms-\$1,000--	1 526	-	142	438	464	313
Farms with expenses of—		3 940	-	577	776	1 312	1 034
\$1 to \$4,999		1 435	-	134	403	440	298
\$5,000 to \$24,999		67	-	5	33	16	4
\$25,000 to \$99,999		17	-	1	2	4	10
\$100,000 or more		7	-	2	-	4	1
Commercially mixed formula feeds	farms-\$1,000--	692	-	79	219	198	136
Farms with expenses of—		1 905	-	391	270	592	566
\$1 to \$4,999		667	-	76	214	188	130
\$5,000 to \$24,999		11	-	-	3	3	4
\$25,000 to \$79,999		10	-	2	2	5	1
\$80,000 or more		4	-	1	-	2	1
Seeds, bulbs, plants, and trees	farms-\$1,000--	832	-	79	218	168	267
Farms with expenses of—		546	-	103	214	96	107
\$1 to \$999		744	-	70	189	152	241
\$1,000 to \$4,999		78	-	6	26	12	26
\$5,000 to \$24,999		8	-	2	2	4	-
\$25,000 or more		2	-	1	1	-	-
Commercial fertilizer	ferms-\$1,000--	1 617	11	160	387	438	337
Farms with expenses of—		1 146	9	80	162	409	341
\$1 to \$4,999		1 601	11	159	386	429	333
\$5,000 to \$24,999		13	-	1	1	6	4
\$25,000 to \$49,999		-	-	-	-	1	-
\$50,000 or more		2	-	-	-	2	-
Agricultural chemicals	farms-\$1,000--	1 086	-	125	294	265	254
Farms with expenses of—		685	-	78	142	300	118
\$1 to \$4,999		1 055	-	117	292	244	254
\$5,000 to \$24,999		29	-	8	2	19	-
\$25,000 to \$49,999		1	-	-	-	1	-
\$50,000 or more		1	-	-	-	1	-
Petroleum products	farms-\$1,000--	2 728	11	260	743	673	629
Farms with expenses of—		2 060	7	211	507	592	518
\$1 to \$4,999		2 685	11	255	737	661	610
\$5,000 to \$24,999		36	-	4	4	9	18
\$25,000 to \$49,999		4	-	1	1	1	1
\$50,000 or more		3	-	-	1	2	-
Gasoline and gasohol	farms-\$1,000--	2 396	11	228	649	598	561
Farms with expenses of—		1 061	3	73	260	310	283
\$1 to \$4,999		-	-	-	-	253	133
\$5,000 to \$24,999		-	-	-	-	223	-
\$25,000 to \$49,999		-	-	-	-	89	214
\$50,000 or more		-	-	-	-	(D)	(D)
Diesel fuel	farms-\$1,000--	1 110	11	96	313	253	223
Natural gas	farms-\$1,000--	406	3	63	112	89	(D)
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms-\$1,000--	65	-	11	23	17	13
		124	-	34	36	40	(D)
		1 317	11	133	384	332	286
		469	1	41	99	153	149

See footnotes at end of table.

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

(For meaning of abbreviations and symbols, see introductory text)

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
FARM PRODUCTION EXPENSES¹								
—Con.								
Total farm production expenses—Con.								
Electricity farms \$1,000..	4 286 5 958	2 500 5 301	28 30	173 327	529 1 310	427 1 158	496 1 116	847 1 359
Farms with expenses of—								
\$1 to \$999	3 151	1 483	18	73	302	193	273	624
\$1,000 to \$4,999	885	795	8	86	166	185	173	176
\$5,000 to \$24,999	225	207	1	14	56	47	45	44
\$25,000 or more	15	15	—	—	5	2	5	3
Hired farm labor farms \$1,000..	2 185 68 579	1 584 61 301	10 26	131 3 416	384 14 198	255 13 540	372 11 914	432 18 208
Farms with expenses of—								
\$1 to \$4,999	1 085	614	9	21	155	68	136	225
\$5,000 to \$24,999	617	542	—	85	138	85	128	106
\$25,000 to \$99,999	362	324	1	20	61	75	86	81
\$100,000 or more	111	104	—	5	30	27	22	20
Contract labor farms \$1,000..	1 025 7 906	656 6 891	8 (Z)	76 737	146 1 581	134 1 765	78 1 011	214 1 797
Farms with expenses of—								
\$1 to \$999	408	201	8	26	23	39	16	89
\$1,000 to \$4,999	332	212	—	14	60	49	20	69
\$5,000 to \$24,999	231	195	—	32	51	33	31	48
\$25,000 or more	54	48	—	4	12	13	11	8
Repair and maintenance farms \$1,000..	5 222 16 873	2 802 13 461	40 142	213 1 008	622 3 255	461 2 981	529 2 876	937 3 199
Farms with expenses of—								
\$1 to \$4,999	4 353	2 049	21	159	467	296	373	733
\$5,000 to \$24,999	785	685	19	48	141	144	139	193
\$25,000 to \$49,999	55	41	—	4	6	13	11	7
\$50,000 or more	29	27	—	1	8	6	6	4
Customwork, machine hire, and rental of machinery and equipment farms \$1,000..	1 278 3 570	732 3 150	3 3	54 248	180 690	139 1 230	154 557	202 423
Farms with expenses of—								
\$1 to \$999	781	381	1	14	95	64	72	135
\$1,000 to \$4,999	362	222	2	15	58	46	57	44
\$5,000 to \$24,999	115	112	—	23	22	25	22	20
\$25,000 or more	18	17	—	2	5	4	3	3
Interest expense farms \$1,000..	1 981 13 788	1 282 11 553	39 167	105 1 053	329 3 263	306 3 074	246 2 228	237 1 768
Farms with expenses of—								
\$1 to \$4,999	1 395	780	17	57	190	173	164	179
\$5,000 to \$24,999	485	390	22	38	120	104	61	45
\$25,000 to \$99,999	88	82	—	9	16	26	19	12
\$100,000 or more	13	10	—	1	3	3	2	1
Secured by real estate farms \$1,000..	1 410 10 563	950 8 872	20 96	79 838	263 2 539	239 2 350	191 1 680	158 1 370
Farms with expenses of—								
\$1 to \$999	281	155	—	9	30	30	49	37
\$1,000 to \$4,999	659	414	8	33	122	98	82	71
\$5,000 to \$24,999	391	308	12	31	97	85	44	39
\$25,000 or more	79	73	—	6	14	26	16	11
Not secured by real estate farms \$1,000..	950 3 225	611 2 681	27 71	46 215	149 724	152 724	121 548	116 398
Farms with expenses of—								
\$1 to \$999	440	219	17	10	42	43	60	47
\$1,000 to \$4,999	375	266	—	24	74	81	35	52
\$5,000 to \$24,999	112	108	10	10	28	24	23	13
\$25,000 or more	23	18	—	2	5	4	3	4
Cash rent farms \$1,000..	1 092 3 848	817 3 451	2 (D)	87 (D)	235 1 091	120 691	208 605	165 476
Farms with expenses of—								
\$1 to \$4,999	818	649	1	58	172	87	172	149
\$5,000 to \$9,999	86	84	1	7	44	7	18	7
\$10,000 to \$24,999	65	63	—	19	13	9	16	6
\$25,000 or more	23	21	—	3	6	7	2	3
Property taxes farms \$1,000..	5 817 15 219	2 990 10 147	38 57	177 512	632 2 377	491 2 033	609 2 090	1 043 3 079
Farms with expenses of—								
\$1 to \$4,999	5 240	2 550	37	153	560	354	522	924
\$5,000 to \$9,999	397	295	1	17	41	100	51	85
\$10,000 to \$24,999	150	119	—	6	26	28	30	29
\$25,000 or more	30	26	—	1	5	9	6	5
All other farm production expenses farms \$1,000..	5 700 38 248	3 094 34 012	40 177	240 1 912	676 8 256	494 6 674	600 8 512	1 044 8 482
Farms with expenses of—								
\$1 to \$4,999	4 694	2 197	22	153	461	301	417	843
\$5,000 to \$24,999	744	656	18	73	154	133	126	152
\$25,000 to \$49,999	143	128	—	7	33	32	28	28
\$50,000 or more	119	113	—	7	28	28	29	21

See footnotes at end of table.

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Other occupations					
		Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
FARM PRODUCTION EXPENSES¹							
—Con.							
Total farm production expenses—Con.							
Electricity farms \$1,000..	1 786	11	152	465	528	415	215
Farms with expenses of—	658	1	68	165	238	140	47
\$1 to \$999	1 668	11	138	438	486	384	211
\$1,000 to \$4,999	100	—	11	22	33	30	4
\$5,000 to \$24,999	18	—	3	5	9	1	—
\$25,000 or more	—	—	—	—	—	—	—
Hired farm labor farms \$1,000..	601	—	48	129	198	164	62
Farms with expenses of—	5 278	—	687	1 238	2 349	895	108
\$1 to \$4,999	481	—	34	107	152	128	60
\$5,000 to \$24,999	75	—	2	15	25	31	2
\$25,000 to \$99,999	38	—	11	6	17	4	—
\$100,000 or more	7	—	1	4	1	—	—
Contract labor farms \$1,000..	369	—	33	108	108	72	48
Farms with expenses of—	1 015	—	211	253	277	96	177
\$1 to \$999	207	—	19	58	59	49	22
\$1,000 to \$4,999	120	—	5	37	43	14	21
\$5,000 to \$24,999	36	—	8	12	4	9	3
\$25,000 or more	6	—	1	1	2	—	2
Repair and maintenance farms \$1,000..	2 420	11	207	672	616	538	376
Farms with expenses of—	3 412	44	200	846	982	769	571
\$1 to \$4,999	2 304	11	197	632	584	513	367
\$5,000 to \$24,999	100	—	10	37	27	23	3
\$25,000 to \$49,999	14	—	—	2	4	2	6
\$50,000 or more	2	—	—	1	1	—	—
Customwork, machine hire, and rental of machinery and equipment farms \$1,000..	544	—	101	188	87	91	77
Farms with expenses of—	420	—	66	128	108	74	44
\$1 to \$999	400	—	74	131	69	66	60
\$1,000 to \$4,999	140	—	27	56	15	25	17
\$5,000 to \$24,999	3	—	—	1	2	—	—
\$25,000 or more	1	—	—	—	1	—	—
Interest expense farms \$1,000..	719	11	112	162	206	164	64
Farms with expenses of—	2 235	92	193	595	818	423	114
\$1 to \$4,999	615	—	108	135	166	145	61
\$5,000 to \$24,999	95	11	3	26	34	18	3
\$25,000 to \$99,999	6	—	1	—	5	—	—
\$100,000 or more	3	—	—	1	1	1	—
Secured by real estate farms \$1,000..	460	11	87	119	141	66	36
Farms with expenses of—	1 690	92	153	454	604	285	103
\$1 to \$999	126	—	38	11	40	17	20
\$1,000 to \$4,999	245	—	46	82	73	31	13
\$5,000 to \$24,999	83	11	3	25	24	17	3
\$25,000 or more	6	—	—	1	4	1	—
Not secured by real estate farms \$1,000..	339	—	37	58	96	115	33
Farms with expenses of—	545	—	41	141	214	138	12
\$1 to \$999	221	—	34	26	40	88	33
\$1,000 to \$4,999	109	—	2	29	53	25	—
\$5,000 to \$24,999	4	—	—	2	1	1	—
\$25,000 or more	5	—	1	1	2	1	—
Cash rent farms \$1,000..	275	—	38	71	69	61	36
Farms with expenses of—	397	—	39	63	208	27	60
\$1 to \$4,999	269	—	37	70	65	61	36
\$5,000 to \$9,999	2	—	1	—	1	—	—
\$10,000 to \$24,999	2	—	—	1	1	—	—
\$25,000 or more	2	—	—	—	2	—	—
Property taxes farms \$1,000..	2 827	11	230	752	718	655	461
Farms with expenses of—	5 072	28	315	1 318	1 339	1 155	917
\$1 to \$4,999	2 690	11	225	717	663	634	440
\$5,000 to \$9,999	102	—	5	23	43	11	20
\$10,000 to \$24,999	31	—	—	11	9	10	1
\$25,000 or more	4	—	—	1	3	—	—
All other farm production expenses farms \$1,000..	2 606	11	233	754	666	551	391
Farms with expenses of—	4 236	11	528	1 046	1 288	999	363
\$1 to \$4,999	2 497	11	221	717	628	531	389
\$5,000 to \$24,999	88	—	1	34	33	18	2
\$25,000 to \$49,999	15	—	10	3	1	1	—
\$50,000 or more	6	—	1	—	4	1	—

See footnotes at end of table.

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming							
		Total	Age of operator (years)						
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over	
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT¹									
All farms-----	number--	6 216	3 214	40	241	701	511	621	1 100
\$1,000--	dollars--	84 172	82 431	-64	6 121	24 361	18 750	18 777	14 486
Average per farm-----	-----	13 541	25 648	-1 603	25 400	34 752	36 692	30 236	13 170
Farms with net gains ² -----	number--	3 017	2 066	23	174	425	293	462	689
Average net gain-----	dollars--	35 387	45 901	9 587	38 493	63 902	71 315	45 383	27 418
Gain of-----									
Less than \$1,000-----	-----	374	111	-	1	15	7	8	80
\$1,000 to \$9,999-----	-----	1 131	699	13	59	137	50	141	299
\$10,000 to \$49,999-----	-----	1 077	855	9	82	179	138	208	239
\$50,000 or more-----	-----	435	401	1	32	94	98	105	71
Farms with net losses-----	number--	3 199	1 148	17	67	276	218	159	411
Average net loss-----	dollars--	7 062	10 801	16 742	8 603	10 136	9 842	13 776	10 717
Loss of-----									
Less than \$1,000-----	-----	463	138	-	22	42	31	15	28
\$1,000 to \$9,999-----	-----	2 195	678	9	31	137	136	82	283
\$10,000 to \$49,999-----	-----	490	293	8	11	87	49	58	80
\$50,000 or more-----	-----	51	39	-	3	10	2	4	20
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME									
Government payments-----	farms--	400	292	5	27	52	54	78	76
\$1,000--		2 213	2 106	13	191	200	238	448	1 015
Other farm-related income ¹ -----	farms--	1 361	720	2	47	131	127	171	242
\$1,000--		5 802	4 314	(D)	(D)	988	525	846	1 140
Customwork and other agricultural services-----	farms--	449	219	1	27	36	23	60	72
\$1,000--		2 163	1 694	(D)	(D)	331	150	276	626
Gross cash rent or share payments-----	farms--	300	147	-	2	10	48	23	64
\$1,000--		477	263	-	(D)	(D)	56	21	173
Forest products and Christmas trees-----	farms--	570	267	2	16	39	56	79	75
\$1,000--		1 780	1 305	(D)	(D)	(D)	268	442	153
Other farm-related income sources-----	farms--	368	260	-	24	63	24	62	87
\$1,000--		1 382	1 052	-	314	391	51	108	188
COMMODITY CREDIT CORPORATION LOANS									
Total -----	farms--	8	8	-	3	1	3	-	1
\$1,000--		159	159	-	(D)	(D)	56	-	(D)
Corn-----	farms--	5	5	-	-	1	3	-	1
\$1,000--		(D)	(D)	-	-	(D)	56	-	(D)
Wheat-----	farms--	-	-	-	-	-	-	-	-
\$1,000--		-	-	-	-	-	-	-	-
Soybeans-----	farms--	-	-	-	-	-	-	-	-
\$1,000--		-	-	-	-	-	-	-	-
Sorghum, barley, and oats-----	farms--	-	-	-	-	-	-	-	-
\$1,000--		-	-	-	-	-	-	-	-
Cotton-----	farms--	-	-	-	-	-	-	-	-
\$1,000--		-	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey-----	farms--	3	3	-	3	-	-	-	-
\$1,000--		(D)	(D)	-	(D)	-	-	-	-
LAND IN FARMS ACCORDING TO USE									
Total cropland-----	farms--	5 654	2 949	28	282	585	471	610	973
acres--		272 588	200 448	2 734	15 849	42 382	38 525	49 326	51 632
Harvested cropland-----	farms--	5 084	2 730	22	249	528	436	581	914
acres--		194 874	151 764	1 758	12 408	33 701	29 126	38 732	36 099
Farms by acres harvested:									
1 to 49 acres-----	-----	4 028	1 850	13	170	343	266	352	706
50 to 99 acres-----	-----	544	427	3	46	78	72	110	118
100 to 199 acres-----	-----	336	288	4	16	65	65	77	61
200 to 499 acres-----	-----	153	143	1	16	36	26	38	26
500 to 999 acres-----	-----	21	20	1	1	5	7	3	3
1,000 to 1,999 acres-----	-----	1	1	-	-	1	-	-	-
2,000 acres or more-----	-----	1	1	-	-	-	-	1	-
Cropland:									
Pasture or grazing only-----	farms--	2 164	1 062	13	100	215	171	225	338
acres--		52 884	33 322	813	2 469	6 024	6 188	7 398	10 430
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured-----	farms--	362	209	2	27	27	30	40	83
acres--		6 986	5 172	(D)	(D)	607	810	708	2 558
On which all crops failed-----	farms--	208	118	-	21	27	21	21	28
acres--		1 531	955	-	135	219	175	251	175
In cultivated summer fallow-----	farms--	73	41	-	6	8	4	6	17
acres--		946	500	-	12	130	16	81	261
Idle-----	farms--	857	472	8	40	89	87	104	144
acres--		15 367	8 735	(D)	(D)	1 701	2 210	2 156	2 169
Total woodland-----	farms--	3 382	1 761	15	152	348	273	370	603
acres--		225 442	141 063	923	10 850	27 477	24 318	32 055	45 440
Woodland pastured-----	farms--	1 049	575	7	34	115	93	138	188
acres--		35 745	24 322	140	1 660	7 015	4 089	4 864	6 554
Woodland not pastured-----	farms--	2 933	1 523	13	139	296	241	313	521
acres--		189 697	116 741	783	9 190	20 462	20 229	27 191	38 886

See footnotes at end of table.

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Other occupations					
		Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT¹							
All farms	number \$1,000. dollars..	3 002 1 740 580	11 -159 -14 429	278 963 3 463	803 391 487	751 1 046 1 392	673 -68 -102
Average per farm							
Farms with net gains ²	number \$1,000. dollars..	951 12 546	-	104 15 699	289 9 544	161 28 861	211 9 977
Average net gain							
Gain of—							
Less than \$1,000		263	-	40	72	25	67
\$1,000 to \$9,999		432	-	18	134	89	93
\$10,000 to \$49,999		222	-	41	68	36	49
\$50,000 or more		34	-	5	15	11	2
Farms with net losses	number \$1,000. dollars..	2 051 4 969	11 14 429	174 3 851	514 4 605	590 6 103	462 4 705
Average net loss							
Loss of—							
Less than \$1,000		325	-	31	65	70	99
\$1,000 to \$9,999		1 517	-	132	389	449	322
\$10,000 to \$49,999		197	11	11	60	67	33
\$50,000 or more		12	-	-	-	4	8
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME							
Government payments	farms \$1,000..	108 107	-	13	22	28	23
Other farm-related income ¹	farms \$1,000..	641 1 488	-	50 216	32 359	28 505	24 255
Customwork and other agricultural services	farms \$1,000..	230 469	-	25 12	86 137	51 143	46 89
Gross cash rent or share payments	farms \$1,000..	153 214	-	11 5	68 119	22 10	13 59
Forest products and Christmas trees	farms \$1,000..	303 475	-	25 98	72 92	73 150	104 92
Other farm-related income sources	farms \$1,000..	108 330	-	20 102	10 11	56 202	22 15
COMMODITY CREDIT CORPORATION LOANS							
Total	farms \$1,000..	-	-	-	-	-	-
Corn	farms \$1,000..	-	-	-	-	-	-
Wheat	farms \$1,000..	-	-	-	-	-	-
Soybeans	farms \$1,000..	-	-	-	-	-	-
Sorghum, barley, and oats	farms \$1,000..	-	-	-	-	-	-
Cotton	farms \$1,000..	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey	farms \$1,000..	-	-	-	-	-	-
LAND IN FARMS ACCORDING TO USE							
Total cropland	farms acres..	2 705 72 140	19 537	241 9 180	710 14 332	721 20 549	605 15 541
Harvested cropland	farms acres..	2 354 43 110	17 315	211 4 684	604 8 878	620 12 628	529 9 854
Farms by acres harvested:							
1 to 49 acres		2 178	15	192	567	562	497
50 to 99 acres		117	1	7	30	34	23
100 to 199 acres		48	1	11	7	19	6
200 to 499 acres		10	-	-	-	5	3
500 to 999 acres		1	-	1	-	-	-
1,000 to 1,999 acres		-	-	-	-	-	-
2,000 acres or more		-	-	-	-	-	-
Cropland:							
Pasture or grazing only	farms acres..	1 102 19 562	4 (D)	106 2 108	304 (D)	299 5 608	247 4 126
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms acres..	153 1 814	1 (D)	13 (D)	44 313	42 624	34 293
On which all crops failed	farms acres..	90 576	-	5 29	30 145	21 168	21 194
In cultivated summer fallow	farms acres..	32 446	-	1 (D)	9 79	10 79	5 174
Idle	farms acres..	385 6 632	1 (D)	37 (D)	99 991	108 1 442	81 900
Total woodland	farms acres..	1 621 84 379	4 88	142 7 261	405 18 158	469 22 436	363 19 227
Woodland pastured	farms acres..	474 11 423	2 (D)	42 (D)	123 2 381	144 2 870	96 2 909
Woodland not pastured	farms acres..	1 410 72 956	2 (D)	127 (D)	352 15 777	406 19 566	318 16 318

See footnotes at end of table.

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
LAND IN FARMS ACCORDING TO USE—Con.								
Pastureland and rangeland other than cropland and woodland pastured	farms--acres--	1 269 44 998	644 30 268	6 85	47 949	147 14 761	98 3 892	114 3 754
Land in house lots, ponds, roads, wasteland, etc.	farms--acres--	4 123 72 157	2 117 45 158	13 103	181 2 826	439 11 261	361 7 877	455 9 980
Cropland under federal acreage reduction programs:								
Annual commodity acreage adjustment programs	farms--acres--	23 829	19 773	-	2 (D)	5 348	7 243	3 100
Conservation reserve program	farms--acres--	19 677	14 535	2 (D)	1 (D)	3 153	3 40	2 70
Value of land and buildings ¹	farms--\$1,000--	6 216 2 154 033	3 214 1 382 813	40 16 945	241 98 272	701 297 311	511 269 940	621 288 295
Average per farm	dollars--	346 530	430 247	423 625	411 917	424 124	528 258	464 243
Average per acre	dollars--	3 553	3 339	2 758	4 411	3 295	3 814	2 873
Farms by value group:								
\$1 to \$39,999		640	270	-	38	57	45	57
\$40,000 to \$69,999		488	183	-	13	38	38	20
\$70,000 to \$99,999		455	192	-	25	19	23	51
\$100,000 to \$149,999		771	376	12	11	90	47	66
\$150,000 to \$199,999		761	415	-	47	78	37	69
\$200,000 to \$499,999		1 921	1 011	9	48	247	149	187
\$500,000 to \$999,999		786	475	19	15	117	108	108
\$1,000,000 to \$1,999,999		268	181	-	36	29	40	28
\$2,000,000 to \$4,999,999		114	101	-	8	23	22	34
\$5,000,000 or more		12	10	-	-	2	2	1
VALUE OF MACHINERY AND EQUIPMENT¹								
Estimated market value of all machinery and equipment	farms--\$1,000--	6 207 198 868	3 212 147 760	40 757	241 12 062	701 34 633	511 28 316	619 35 435
Farms by value group:								
\$1 to \$4,999		679	210	-	22	28	36	40
\$5,000 to \$8,999		1 426	515	-	20	116	69	59
\$10,000 to \$19,999		1 271	550	22	34	106	100	74
\$20,000 to \$49,999		1 701	1 010	18	95	250	131	214
\$50,000 to \$99,999		704	537	-	36	122	78	199
\$100,000 to \$199,999		327	300	-	24	59	76	73
\$200,000 to \$499,999		86	78	-	9	17	17	23
\$500,000 or more		13	12	-	1	3	4	3
SELECTED MACHINERY AND EQUIPMENT¹								
Motortrucks, including pickups	farms--number--	5 204 10 957	2 877 7 100	40 73	234 490	629 1 558	466 1 404	587 1 593
Wheel tractors	farms--number--	5 360 13 160	2 887 8 328	28 75	210 554	617 1 651	460 1 570	571 1 801
Less than 40 horsepower (PTO)	farms--number--	4 235 7 624	2 156 4 300	19 49	174 278	441 793	336 764	420 908
40 horsepower (PTO) or more	farms--number--	2 915 5 536	1 835 4 028	19 26	148 276	391 858	324 806	391 893
Grain and bean combines	farms--number--	52 60	41 49	-	2 (D)	6 (D)	17 17	8 13
Cottonpickers and strippers	farms--number--	- -	- -	-	-	-	-	-
Mower conditioners	farms--number--	1 586 1 783	858 959	20 21	49 51	156 176	170 204	189 214
Pickup balers	farms--number--	1 820 1 983	1 001 1 104	22 22	35 42	164 197	149 173	223 244
AGRICULTURAL CHEMICALS¹								
Commercial fertilizer	farms--acres on which used--	3 858 138 832	2 241 116 447	23 1 559	186 7 878	468 29 300	338 22 398	478 28 331
Lime	farms--acres on which used--	1 339 23 208	773 15 886	18 146	89 1 291	163 3 754	122 3 734	198 3 326
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops	farms--acres on which used--	2 049 49 252	1 302 43 796	-	109 2 837	284 13 112	217 8 496	267 9 105
Nematodes in crops	farms--acres on which used--	152 5 212	133 4 962	1	7 (D)	21 1 137	25 789	37 1 002
Diseases in crops and orchards	farms--acres on which used--	1 093 25 050	717 22 320	-	87 1 822	141 7 097	123 4 056	1664 1 447
Weeds, grass, or brush in crops and pasture	farms--acres on which used--	1 690 57 337	1 202 52 866	22 167	69 3 244	248 13 361	181 9 911	310 13 877
Chemicals for defoliation or for growth control of crops or thinning of fruit	farms--acres on which used--	255 5 928	160 5 578	-	21 265	34 1 365	26 612	22 1 418

See footnotes at end of table.

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Other occupations					
		Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
LAND IN FARMS ACCORDING TO USE—Con.							
Pasturaland and rangeland other than cropland and woodland pastured—farms—acres—	625 14 730	— —	64 1 765	193 4 261	168 3 262	114 1 993	86 3 449
Land in house lots, ponds, roads, wasteland, etc.—farms—acres—	2 006 26 999	6 125	178 1 986	531 5 846	571 7 406	424 6 783	296 4 853
Cropland under federal acreage reduction programs:							
Annual commodity acreage adjustment programs—farms—acres—	4 56	— —	— —	1 (D)	2 (D)	— —	1 (D)
Conservation reserve program—farms—acres—	5 142	— —	— —	2 (D)	— —	— —	3 (D)
Value of land and buildings ¹ —farms—\$1,000—	3 002 771 220	11 3 850	278 66 522	803 210 413	751 208 875	673 173 125	486 108 435
Average per farm—dollars—	256 902	350 000	239 288	262 034	278 129	257 244	223 117
Average per acre—dollars—	4 014	3 977	4 819	4 424	4 923	3 764	2 622
Farms by value group:							
\$1 to \$39,999—	370	—	43	102	81	72	72
\$40,000 to \$69,999—	305	—	32	75	68	80	50
\$70,000 to \$99,999—	263	—	43	45	46	78	51
\$100,000 to \$149,999—	395	—	49	120	56	117	53
\$150,000 to \$199,999—	346	—	32	103	114	30	67
\$200,000 to \$499,999—	910	11	60	226	290	173	150
\$500,000 to \$999,999—	311	—	10	102	66	101	32
\$1,000,000 to \$1,999,999—	87	—	8	27	26	15	11
\$2,000,000 to \$4,999,999—	13	—	—	3	3	7	—
\$5,000,000 or more—	2	—	1	—	1	—	—
VALUE OF MACHINERY AND EQUIPMENT¹							
Estimated market value of all machinery and equipment—farms—\$1,000—	2 995 51 108	11 275	278 5 361	796 11 267	751 14 248	673 13 227	486 6 710
Farms by value group:							
\$1 to \$4,999—	469	—	45	119	98	111	96
\$5,000 to \$9,999—	911	—	70	245	214	209	173
\$10,000 to \$19,999—	721	—	65	237	172	174	73
\$20,000 to \$49,999—	691	11	59	169	195	130	127
\$50,000 to \$99,999—	167	—	37	22	60	31	17
\$100,000 to \$199,999—	27	—	2	4	10	11	—
\$200,000 to \$499,999—	8	—	—	—	2	6	—
\$500,000 or more—	1	—	—	—	—	1	—
SELECTED MACHINERY AND EQUIPMENT¹							
Motortrucks, including pickups—farms—number—	2 327 3 857	— —	222 432	649 1 033	632 1 042	468 831	356 519
Wheal tractors—farms—number—	2 473 4 832	11 33	207 378	646 1 117	655 1 198	560 1 341	394 765
Less than 40 horsepower (PTO)—farms—number—	2 079 3 324	11 11	181 254	557 824	554 837	435 856	341 542
40 horsepower (PTO) or more—farms—number—	1 080 1 508	11 22	89 124	221 293	247 361	322 485	190 223
Grain and bean combines—farms—number—	11 11	— —	— —	1 (D)	2 (D)	7 —	1 (D)
Cottonpickers and strippers—farms—number—	— —	— —	— —	— —	— —	— —	— —
Mowar conditioners—farms—number—	728 824	11 11	59 77	172 193	167 186	154 169	165 188
Pickup balers—farms—number—	819 889	11 11	69 70	204 221	190 207	204 238	141 142
AGRICULTURAL CHEMICALS¹							
Commercial fertilizer—farms—acres on which used—	1 617 22 385	11 715	160 2 585	387 3 586	438 6 351	337 5 127	284 4 021
Lima—farms—acres on which used—	566 7 322	— —	64 1 487	147 1 839	167 1 790	149 1 053	39 1 153
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops—farms—acres on which used—	747 5 456	— —	109 740	212 1 040	170 1 743	162 1 334	94 599
Nematodes in crops—farms—acres on which used—	19 250	— —	2 (D)	11 22	2 (D)	3 16	1 (D)
Diseases in crops and orchards—farms—acres on which used—	376 2 730	— —	49 543	93 290	85 1 154	105 1 154	44 555
Weeds, grass, or brush in crops and pasture—farms—acres on which used—	488 4 471	— —	76 535	138 1 159	109 1 425	119 959	46 393
Chemicals for defoliation or for growth control of crops or thinning of fruit—farms—acres on which used—	95 350	— —	— —	41 144	21 114	24 74	9 18

See footnotes at end of table.

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
TENURE AND RACE OF OPERATOR								
All operators	6 216	3 174	30	310	663	504	649	1 018
Full owners	4 313	1 972	10	130	347	315	370	800
Part owners	1 449	926	5	91	231	163	244	192
Tenants	454	276	15	89	85	26	35	26
White	6 190	3 161	30	309	661	501	647	1 013
Full owners	4 294	1 964	10	130	346	314	368	796
Part owners	1 445	924	5	91	231	162	244	191
Tenants	451	273	15	88	84	25	35	26
Black and other races	26	13	—	1	2	3	2	5
Full owners	19	8	—	—	1	1	2	4
Part owners	4	2	—	—	—	1	—	1
Tenants	3	3	—	1	1	1	—	—
OWNED AND RENTED LAND								
Land owned	farms-- acres--	5 764 505 108	2 899 325 465	15	221 19 644	578 70 331	478 57 152	614 72 021
Owned land in farms	farms-- acres--	5 762 491 079	2 898 319 393	15	221 19 467	578 68 736	478 56 574	614 70 960
Land rented or leased from others	farms-- acres--	1 922 125 835	1 217 98 210	20	181 11 089	318 27 205	192 18 284	282 24 326
Rented or leased land in farms	farms-- acres--	1 903 124 106	1 202 97 544	20	180 11 007	316 27 145	189 18 038	218 24 155
Land rented or leased to others	farms-- acres--	402 15 758	179 6 738	—	8 259	27 1 655	28 824	34 1 232
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	4 918	2 510	20	216	521	387	520	846
Not on farm operated	960	475	10	83	107	84	90	101
Not reported	338	189	—	11	35	33	39	71
Operators by principal occupation:								
Farming	3 174	3 174	30	310	663	504	649	1 018
Other	3 042	—	—	—	—	—	—	—
Operators by days of work off farm:								
None	2 371	1 984	14	170	365	298	414	723
Any	3 516	861	16	123	247	169	158	148
1 to 99 days	552	399	9	70	98	71	74	77
100 to 199 days	681	236	5	25	79	54	49	24
200 days or more	2 283	226	2	28	70	44	35	47
Not reported	329	329	—	17	51	37	77	147
Operators by years on present farm:								
2 years or less	249	106	1	42	28	22	5	8
3 or 4 years	449	192	11	55	71	29	23	3
5 to 9 years	1 165	517	5	118	180	99	61	54
10 years or more	3 421	1 862	—	58	291	282	456	775
Average years on present farm	18.8	21.6	3.8	6.5	10.6	15.8	25.0	35.2
Not reported	932	497	13	37	93	72	104	178
Operators by age group:								
Under 25 years	50	30	30	—	—	—	—	—
25 to 34 years	590	310	—	310	—	—	—	—
35 to 44 years	1 477	663	—	—	663	—	—	—
45 to 49 years	687	258	—	—	—	258	—	—
50 to 54 years	642	246	—	—	—	246	—	—
55 to 59 years	642	293	—	—	—	—	293	—
60 to 64 years	663	356	—	—	—	—	356	—
65 to 69 years	595	400	—	—	—	—	—	400
70 years and over	870	618	—	—	—	—	—	618
Average age	52.6	54.7	22.5	30.4	39.7	49.2	59.7	72.3
Operators by sex:								
Male	5 415	2 752	22	264	511	434	583	938
Female	801	422	8	46	152	70	66	80
Operators of Spanish origin (see text)		24	12	—	1	3	5	3
FARMS BY TYPE OF ORGANIZATION								
Individual or family (sole proprietorship)	farms-- acres--	5 124 431 487	2 455 270 681	24	236 20 381	495 52 454	374 47 822	481 60 045
Partnership	farms-- acres--	481	301	4	28 (D)	69 (D)	43 14 287	79 8 604
Corporation:								
Family held	farms-- acres--	73 006	57 747	(D)	—	—	17 167	11 941
More than 10 stockholders	farms-- acres--	81 497	73 026	(D)	36 23 832	82 16 076	76 16 105	81 13 257
10 or less stockholders	farms-- acres--	4	3	—	—	—	—	2
Other than family held	farms-- acres--	489	347	2	36 82	82 16 076	76 16 105	80 13 257
More than 10 stockholders	farms-- acres--	5 038	2 987	—	6 296	8 328	5 890	4 708
10 or less stockholders	farms-- acres--	6	3	—	—	—	—	2
Other—cooperative, estate or trust, institutional, etc.	farms-- acres--	45	27	—	6 8	8 5	5 3	5 5

See footnotes at end of table.

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Other occupations					
		Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
TENURE AND RACE OF OPERATOR							
All operators	3 042	20	280	814	825	656	447
Full owners	2 341	9	160	589	648	537	398
Part owners	523	1	69	160	146	105	42
Tenants	178	10	51	65	31	14	7
White	3 029	20	279	810	821	654	445
Full owners	2 330	9	159	586	644	536	396
Part owners	521	1	69	159	146	104	42
Tenants	178	10	51	65	31	14	7
Black and other races	13	—	1	4	4	2	2
Full owners	11	—	1	3	4	1	2
Part owners	2	—	—	1	—	1	—
Tenants	—	—	—	—	—	—	—
OWNED AND RENTED LAND							
Lend owned	farms	2 865	10	229	749	794	643
acres	179 643	574	15 660	35 313	48 076	42 475	37 545
Owned land in farms	farms	2 864	10	229	749	794	642
acres	171 686	574	15 426	34 501	45 073	40 602	35 510
Land rented or leased from others	farms	705	11	120	226	180	119
acres	27 625	176	4 810	8 170	9 462	3 004	2 003
Rented or leased land in farms	farms	701	11	120	225	177	119
acres	26 562	176	4 766	8 096	8 580	2 942	2 002
Land rented or leased to others	farms	223	—	16	41	47	75
acres	9 020	—	278	886	3 885	1 935	2 036
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated		2 408	11	191	663	664	539
Not on farm operated		485	7	79	123	131	84
Not reported		149	2	10	28	30	33
Operators by principal occupation:							
Farming		—	—	—	—	—	—
Other		3 042	20	280	814	825	656
Operators by days of work off farm:							
None		387	2	15	36	42	80
Any		2 655	18	265	778	783	576
1 to 99 days		153	1	14	29	33	34
100 to 199 days		445	4	44	124	122	104
200 days or more		2 057	13	207	625	628	438
Not reported		—	—	—	—	—	—
Operators by years on present farm:							
2 years or less		143	4	33	64	27	10
3 or 4 years		257	5	65	98	58	24
5 to 9 years		648	3	93	252	183	88
10 years or more		1 559	—	48	303	450	450
Average years on present farm		15.9	3.3	6.3	9.3	14.0	22.0
Not reported		435	8	41	97	107	84
Operators by age group:							
Under 25 years		20	20	—	—	—	—
25 to 34 years		280	—	280	—	—	—
35 to 44 years		814	—	—	814	—	—
45 to 49 years		429	—	—	—	429	—
50 to 54 years		396	—	—	—	396	—
55 to 59 years		349	—	—	—	—	349
60 to 64 years		307	—	—	—	—	307
65 to 69 years		195	—	—	—	—	195
70 years and over		252	—	—	—	—	252
Average age		50.5	22.0	31.1	39.9	49.3	59.3
Operators by sex:							
Male		2 663	15	239	706	735	589
Female		379	5	41	108	90	67
Operators of Spanish origin (see text)		12	1	1	2	2	5
FARMS BY TYPE OF ORGANIZATION							
Individual or family (sola proprietorship)	farms	2 669	20	238	708	743	572
acres	160 806	750	13 383	35 079	45 605	39 290	26 699
Partnership	farms	180	—	23	54	38	35
acres	15 259	—	2 132	3 191	3 992	2 121	3 823
Corporation:							
Family held	farms	143	—	12	41	33	37
acres	8 471	—	884	1 776	2 741	1 307	1 763
More than 10 stockholders	farms	1	—	—	—	1	—
10 or less stockholders	farms	142	—	12	41	32	37
Other than family held	farms	21	—	3	6	7	3
acres	2 051	—	24	588	847	(D)	(D)
More than 10 stockholders	farms	3	—	—	—	2	1
10 or less stockholders	farms	18	—	3	6	7	1
Other—cooperative, estate or trust, institutional, etc.	farms	29	—	4	5	4	9
acres	11 661	—	3 769	1 963	468	(D)	(D)

See footnotes at end of table.

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

(For meaning of abbreviations and symbols, see introductory text)

Item	Total farming and other occupations	Total	Farming					
			Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over	
F FARMS BY SIZE								
1 to 9 acres	1 105	476	6	64	117	77	81	131
10 to 49 acres	2 125	905	12	94	209	136	155	299
50 to 69 acres	587	263	3	27	53	30	59	91
70 to 99 acres	539	280	—	33	43	37	67	100
100 to 139 acres	566	322	3	29	61	45	63	121
140 to 179 acres	324	195	2	18	37	41	34	65
180 to 219 acres	264	175	—	4	34	31	39	65
220 to 259 acres	163	125	—	12	20	24	29	40
260 to 499 acres	386	302	2	20	60	49	91	80
500 to 999 acres	126	105	1	8	18	29	27	22
1,000 to 1,999 acres	26	22	1	1	9	5	3	3
2,000 acres or more	5	4	—	—	2	—	1	1
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	25	14	—	—	8	2	—	4
Field crops, except cash grains (013)	975	397	7	24	50	38	62	216
Cotton (0131)	—	—	—	—	—	—	—	—
Tobacco (0132)	14	8	—	—	1	—	4	4
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	961	388	7	24	49	38	58	212
Vegetables and melons (016)	678	425	7	57	77	45	105	134
Fruits and tree nuts (017)	956	540	—	51	105	107	102	175
Horticultural specialties (018)	630	362	2	41	84	73	78	84
General farms, primarily crop (019)	274	73	1	6	13	6	9	38
Livestock, except dairy, poultry, and animal specialties (021)	1 233	460	4	26	90	64	96	180
Beef cattle, except feedlots (0212)	585	218	—	9	37	20	45	107
Dairy farms (024)	556	507	4	58	98	113	128	106
Poultry and eggs (025)	134	73	1	6	17	3	21	25
Animal specialties (027)	676	287	4	39	112	46	43	43
General farms, primarily livestock and animal specialties (029)	79	36	—	2	9	7	5	13
L LIVESTOCK								
Cattle and calves inventory	farms-- number--	2 112 83 065	1 135 70 773	12 675	99 6 845	216 14 239	193 14 613	255 19 254
Farms with—								
1 to 9	951	315	4	25	64	44	50	128
10 to 49	657	357	4	21	60	48	87	137
50 to 99	264	236	3	30	48	52	53	50
100 to 199	169	158	—	17	27	35	49	30
200 to 499	66	64	1	5	15	13	15	15
500 or more	5	5	—	1	2	1	1	—
Cows and heifers that had calved	farms-- number--	1 757 46 605	985 39 942	10 367	91 4 002	190 8 583	178 8 970	221 9 545
Beef cows	farms-- number--	1 124 9 692	458 5 196	5 82	36 808	82 947	70 623	96 1 130
Farms with—								
1 to 9	869	325	2	24	55	54	60	130
10 to 49	229	112	3	7	22	13	33	34
50 to 99	16	16	—	3	5	3	1	4
100 to 199	8	4	—	1	—	—	2	1
200 to 499	1	1	—	1	—	—	—	—
500 or more	—	—	—	—	—	—	—	—
Milk cows	farms-- number--	838 36 913	642 34 746	5 285	66 3 194	131 7 636	135 8 347	149 8 415
Farms with—								
1 to 4	256	119	1	9	25	19	17	48
5 to 9	38	22	—	1	7	2	3	9
10 to 49	249	213	—	30	42	40	57	44
50 to 99	193	191	3	19	35	51	47	36
100 to 199	86	81	1	6	17	18	22	17
200 to 499	16	16	—	1	5	5	3	2
500 or more	—	—	—	—	—	—	—	—
Heifers and heifer calves	farms-- number--	1 356 26 965	823 23 503	7	73	144	144	196
Steers, steer calves, bulls, and bull calves	farms-- number--	1 170 9 495	654 7 328	4	47	117	107	154
Cattle and calves sold	farms-- number--	1 725 39 688	1 030 33 778	9 149	85 3 447	191 7 013	170 7 104	239 8 382
Calves	farms-- number--	1 074 20 745	731 18 293	6	73	146	132	166
Cattle	farms-- number--	1 837 18 923	1 530 15 485	4	278	362	57	325
Fattened on grain and concentrates	farms-- number--	9 461 2 712	7 737 1 922	41	655	1 349 2 816	3 8	4 251
\$1,000--	\$1,000--	1 588	1 106	13	84	1 527 1 228	1 5	2 238
	\$1,000--							642

See footnotes at end of table.

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

(For meaning of abbreviations and symbols, see introductory text)

Item	Total	Other occupations					
		Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
F FARMS BY SIZE							
1 to 9 acres	629	10	74	181	168	119	77
10 to 49 acres	1 220	4	111	361	329	257	158
50 to 69 acres	324	4	16	89	98	74	43
70 to 99 acres	259	1	23	48	68	64	55
100 to 139 acres	244	—	25	60	75	39	45
140 to 179 acres	129	—	8	33	21	40	27
180 to 219 acres	89	—	4	19	16	34	16
220 to 259 acres	38	—	5	9	11	8	5
260 to 499 acres	84	1	13	10	28	20	12
500 to 999 acres	21	—	—	3	11	1	6
1,000 to 1,999 acres	4	—	—	1	—	—	3
2,000 acres or more	1	—	1	—	—	—	—
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
Cash grains (011)	11	—	2	3	1	4	1
Field crops, except cash grains (013)	578	3	40	129	157	144	105
Cotton (0131)	—	—	—	—	—	—	—
Tobacco (0132)	5	—	—	2	3	—	—
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	573	3	40	127	154	144	105
Vegetables and melons (016)	253	9	28	58	56	60	42
Fruits and tree nuts (017)	416	3	33	118	117	85	60
Horticultural specialties (018)	268	1	31	76	70	51	39
General farms, primarily crop (019)	201	—	17	41	50	47	46
Livestock, except dairy, poultry, and animal specialties (021)	773	1	81	216	217	164	94
Beef cattle, except feedlots (0212)	367	1	32	82	101	99	52
Dairy farms (024)	49	—	7	12	11	9	10
Poultry and eggs (025)	61	—	8	20	18	5	10
Animal specialties (027)	389	3	30	117	121	79	39
General farms, primarily livestock and animal specialties (029)	43	—	3	24	7	8	1
L LIVESTOCK							
Cattle and calves inventory farms number	977	2	95	310	243	190	137
Farms with—	12 292	(D)	(D)	2 928	3 877	2 617	1 602
1 to 9	636	2	53	226	153	122	80
10 to 49	300	—	39	76	78	56	51
50 to 99	28	—	2	6	5	9	6
100 to 199	11	—	1	2	5	3	—
200 to 499	2	—	—	—	2	—	—
500 or more	—	—	—	—	—	—	—
Cows and heifers that had calved farms number	772	2	68	233	208	155	106
Beef cows farms number	6 663	(D)	(D)	1 296	2 419	1 447	824
Milk cows farms number	666	2	55	201	182	134	92
Heifers and heifer calves farms number	4 496	(D)	(D)	966	1 501	1 115	595
Farms with—	544	2	44	176	135	113	74
1 to 9	117	—	11	25	45	18	18
10 to 49	—	—	—	—	—	—	—
50 to 99	—	—	—	—	—	—	—
100 to 199	5	—	—	—	2	3	—
200 to 499	—	—	—	—	—	—	—
500 or more	—	—	—	—	—	—	—
Milk cows farms number	196	—	21	65	54	32	24
Farms with—	2 167	—	358	330	918	332	229
1 to 4	137	—	12	54	39	18	14
5 to 9	16	—	2	2	3	6	3
10 to 49	36	—	6	8	8	7	7
50 to 99	2	—	—	1	—	1	—
100 to 199	5	—	1	—	4	—	—
200 to 499	—	—	—	—	—	—	—
500 or more	—	—	—	—	—	—	—
Heifers and heifer calves farms number	533	1	57	168	128	100	79
Steers, steer calves, bulls, and bull calves farms number	3 462	(D)	(D)	873	926	808	458
Cattle and calves sold farms number	695	1	66	196	175	156	101
\$1,000—	5 890	(D)	(D)	1 535	1 720	1 439	813
\$2 030	2 030	(D)	(D)	484	549	544	313
Calves farms number	343	—	29	96	88	83	47
\$1,000—	2 452	—	122	738	781	559	252
Cattle farms number	306	—	11	89	94	73	38
\$1,000—	598	—	58	167	158	128	86
Fattened on grain and concentrates farms number	3 438	(D)	(D)	797	939	880	561
\$1,000—	1 723	(D)	(D)	395	454	471	275
200	200	—	22	73	46	31	28
\$790	790	—	67	225	194	137	167
\$1,000—	481	—	41	141	127	76	96

See footnotes at end of table.

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
LIVESTOCK—Con.								
Hogs and pigs inventory	farms... number...	498 25 816	229 20 236	3 510	16 1 576	58 4 640	33 2 322	57 5 188
Farms with—								
1 to 24		388	149	1	10	44	21	40
25 to 49		37	22	—	—	6	4	2
50 to 99		18	13	—	2	1	1	3
100 to 199		23	17	—	1	2	3	6
200 to 499		21	18	2	1	2	3	7
500 or more		11	10	—	2	3	1	2
Used or to be used for breeding	farms... number...	211 3 189	107 2 519	2 (D)	10 (D)	26 380	18 287	23 564
Other	farms... number...	444 22 627	210 17 717	3 (D)	12 (D)	49 4 260	31 2 035	53 4 624
Hogs and pigs sold	farms... number...	387 40 048	184 30 379	2 (D)	13 (D)	46 8 050	26 4 821	44 8 934
Feeder pigs	farms... number...	96 9 091	41 6 534	—	5	8	7	53 6 600
	\$1,000...	374	287	—	398	1 324	275	895 510
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	farms... number...	218 3 837	111 3 126	2 (D)	11 (D)	26 506	19 452	23 768
Dec. 1 and May 31	farms... number...	202 1 882	103 1 503	2 (D)	11 (D)	24 219	19 229	20 348
June 1 and Nov. 30	farms... number...	165 1 955	92 1 623	2 (D)	5	25 287	17 223	10 420
Sheep and lambs of all ages inventory	farms... number...	604 14 761	211 6 795	1 (D)	21 (D)	55 1 735	40 928	43 2 100
Ewes 1 year old or older	farms... number...	521 9 597	187 4 747	1 (D)	19 (D)	52 1 274	35 627	34 1 481
Sheep and lambs sold	farms... number...	493 11 548	174 5 338	1 (D)	19 (D)	47 1 171	31 638	32 2 262
Sheep and lambs shorn	farms... number...	511 13 036	180 6 059	1 (D)	17 (D)	46 1 448	32 728	37 2 002
	pounds of wool...	95 098	42 519	(D)	(D)	8 858	4 978	14 206 8 983
Horses and ponies inventory	farms... number...	1 608 11 944	629 5 837	4 83	74 818	198 2 217	101 881	115 863
Horses and ponies sold	farms... number...	421 1 230	188 628	2 (D)	31 (D)	72 258	31 118	25 66
Goats inventory	farms... number...	279 2 756	99 1 546	2 (D)	14 (D)	35 484	14 629	14 151
Goats sold	farms... number...	98 1 187	39 596	1 (D)	7 (D)	13 159	5 204	6 44
POULTRY								
Chickens 3 months old or older inventory	farms... number...	738 1 502 202	306 1 367 332	2 (D)	33 (D)	69 371 571	44 87 421	76 692 116
Farms with—								
1 to 399		679	263	2	27	58	40	67
400 to 3,199		32	19	—	2	5	2	3
3,200 to 9,999		7	6	—	2	—	—	1
10,000 to 19,999		4	4	—	1	1	1	1
20,000 to 49,999		7	6	—	—	2	—	2
50,000 to 99,999		4	3	—	1	1	1	—
100,000 or more		5	5	—	—	2	—	3
Hens and pullets of laying age	farms... number...	733 1 251 356	303 1 128 602	2 (D)	31 (D)	69 321 833	43 21 040	76 596 272
Pullets 3 months old or older not at laying age	farms... number...	95 250 846	47 238 730	1 (D)	5 (D)	12 49 738	9 66 381	11 95 844
Hens and pullets sold	farms... number...	192 1 195 566	94 1 096 054	2 (D)	16 (D)	19 210 877	14 83 949	19 598 081
Broilers and other meat-type chickens sold	farms... number...	37 (D)	9 50 869	—	3 38 125	2 (D)	—	2 (D)
Farms with—								
1 to 1,999		34	6	—	2	1	—	2
2,000 to 59,999		3	3	—	1	1	—	1
60,000 to 99,999		—	—	—	—	—	—	—
100,000 or more		—	—	—	—	—	—	—
Turkey hens kept for breeding	farms... number...	25 2 140	9 1 916	1 (D)	—	—	2 (D)	5 1 909
Turkeys sold	farms... number...	86 153 714	35 146 491	—	4 5 227	15 40 962	10 83	10 (D)

See footnotes at end of table.

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Other occupations					
		Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
LIVESTOCK—Con.							
Hogs and pigs inventory	farms number	269 5 580	1 (D)	34 (D)	102 1 223	70 888	40 999
Farms with—							
1 to 24		239	—	32	92	62	32
25 to 49		15	1	1	7	3	2
50 to 99		5	—	—	—	3	2
100 to 199		6	—	—	2	1	3
200 to 499		3	—	—	1	1	1
500 or more		1	—	1	—	—	—
Used or to be used for breeding	farms number	104 670	1 (D)	16 (D)	37 277	20 181	22 122
Other	farms number	234 4 910	1 (D)	26 (D)	92 946	63 707	32 877
Hogs and pigs sold	farms number	203 9 669	1 (D)	29 (D)	75 1 941	48 1 502	32 1 274
	\$1,000	1 138	—	—	135	104	389
Feeder pigs	farms number	55 2 557	—	204	9	17	12
	\$1,000	87	—	8	970	969	357
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30	farms number	107 711	1 (D)	16 (D)	38 278	20 224	24 127
Dec. 1 and May 31	farms number	99 379	1 (D)	15 (D)	36 144	19 115	22 115
June 1 and Nov. 30	farms number	73 332	1 (D)	9 (D)	26 134	14 109	15 50
Sheep and lambs of all ages inventory	farms number	393 7 966	1 (D)	40 (D)	115 1 547	129 2 246	65 1 245
Ewes 1 year old or older	farms number	334 4 850	—	34 1 060	99 952	110 1 399	58 821
Sheep and lambs sold	farms number	319 6 210	1 (D)	35 (D)	79 995	115 1 800	59 804
Sheep and lambs shorn	farms number	331 6 977	—	36 1 540	96 1 445	110 2 194	58 1 038
	pounds of wool	52 579	—	10 130	11 084	17 664	8 120
Horses and ponies inventory	farms number	979 6 107	4 43	86 683	303 1 569	276 1 868	195 1 246
Horses and ponies sold	farms number	233 602	2 (D)	22 (D)	73 172	64 242	49 99
Goats inventory	farms number	180 1 210	—	24 151	68 544	55 374	22 82
Goats sold	farms number	59 591	—	8 65	22 260	21 214	5 24
POULTRY							
Chickens 3 months old or older inventory	farms number	432 134 870	3 206	44 1 633	163 11 349	121 34 005	58 80 029
Farms with—							
1 to 399		416	3	44	160	117	53
400 to 3,199		13	—	—	3	3	4
3,200 to 9,999		1	—	—	—	—	—
10,000 to 19,999		—	—	—	—	—	—
20,000 to 49,999		1	—	—	—	1	—
50,000 to 99,999		1	—	—	—	—	1
100,000 or more		—	—	—	—	—	—
Hens and pullets of laying age	farms number	430 122 754	3 206	43 1 517	162 10 802	121 25 137	58 78 663
Pullets 3 months old or older not of laying age	farms number	48 12 116	—	6 116	14 547	14 8 868	9 1 366
Hens and pullets sold	farms number	98 99 512	—	10 532	30 1 133	35 21 000	16 74 695
Broilers and other meat-type chickens sold	farms number	28 (D)	—	4 (D)	5 228	12 410	3 530
Farms with—							
1 to 1,999		28	—	4	5	12	3
2,000 to 59,999		—	—	—	5	12	4
60,000 to 99,999		—	—	—	—	—	—
100,000 or more		—	—	—	—	—	—
Turkey hens kept for breeding	farms number	16 224	—	2 (D)	7 16	2 132	4 132
Turkeys sold	farms number	51 7 223	—	—	19 2 081	13 2 268	6 1 815
See footnotes at end of table.							

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Total	Farming					
			Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
CROPS HARVESTED								
Corn for silage or green chop	farms-- acres-- tons, green--	604 28 643 524 819	479 26 624 485 434	3 354 8 121	42 1 812 35 273	93 5 614 100 173	106 5 409 99 661	123 7 954 146 697
Irrigated	farms-- acres--	6 89	5 (D)	- -	- -	- -	2 (D)	3 33
Farms by acres harvested:								
1 to 24 acres		274	165	1	16	29	32	44
25 to 99 acres		250	237	1	22	47	57	62
100 to 249 acres		69	66	-	3	14	15	13
250 to 499 acres		9	9	1	1	3	2	2
500 acres or more		2	2	-	-	-	-	2
Irish potatoes	farms-- acres-- cwt--	93 2 628 615 427	78 2 545 602 878	- 113 20 304	9 245 49 658	20 839 300 645	9 655 112 366	23 694 119 905
Irrigated	farms-- acres--	15 150	14 (D)	- (D)	1 44	5 16	3 (D)	2 74
Farms by acres harvested:								
0.1 to 4.9 acres		50	41	-	6	9	5	15
5.0 to 24.9 acres		23	18	-	1	7	1	3
25.0 to 99.9 acres		15	14	-	2	4	1	3
100.0 to 249.9 acres		3	3	-	-	-	1	2
250.0 acres or more		2	2	-	-	-	1	1
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms-- acres-- tons, dry--	2 874 121 498 250 559	1 434 87 116 194 180	13 1 219 2 398	106 7 722 18 500	252 16 703 37 362	215 16 365 37 657	302 21 657 48 242
Irrigated	farms-- acres--	24 339	14 234	- -	- -	3 25	2 (D)	1 (D)
Farms by acres harvested:								
1 to 24 acres		1 542	556	3	44	88	69	96
25 to 99 acres		1 013	602	5	33	104	84	135
100 to 249 acres		265	226	4	23	46	51	59
250 to 499 acres		48	45	1	5	14	11	9
500 acres or more		6	5	-	1	-	-	5
Tame hay other than alfalfa, small grain, and wild hay (see text)	farms-- acres-- tons, dry--	1 699 60 650 120 497	945 43 393 91 935	8 753 1 718	71 3 651 8 584	169 8 831 20 442	145 7 320 15 417	218 11 107 22 546
Irrigated	farms-- acres--	11 219	8 156	- -	- -	3 15	- -	1 (D)
Vegetables harvested for sale (see text)	farms-- acres--	1 008 16 325	656 14 319	10 135	81 1 917	133 3 278	79 2 152	156 4 454
Irrigated	farms-- acres--	312 4 750	237 4 467	- -	33 710	45 862	35 563	62 1 625
Farms by acres harvested:								
0.1 to 4.9 acres		438	213	3	22	44	20	41
5.0 to 24.9 acres		386	273	6	32	46	36	65
25.0 to 99.9 acres		156	142	1	26	34	19	39
100.0 to 249.9 acres		26	26	-	1	9	3	23
250.0 acres or more		2	2	-	-	-	1	3
Sweet corn harvested for sale	farms-- acres--	596 8 444	410 7 457	3 53	50 1 021	80 1 673	53 1 047	110 2 568
Irrigated	farms-- acres--	163 2 042	130 1 921	- -	17 356	21 284	23 242	38 801
Land in orchards	farms-- acres--	572 9 379	290 7 470	1 (D)	35 (D)	49 1 829	39 1 441	55 1 479
Irrigated	farms-- acres--	57 267	35 197	- -	10 48	6 32	3 48	6 15
Farms by bearing and nonbearing acres:								
0.1 to 4.9 acres		269	99	-	10	13	10	20
5.0 to 24.9 acres		201	99	-	15	17	9	18
25.0 to 99.9 acres		62	74	1	9	13	16	40
100.0 to 249.9 acres		18	16	-	1	5	4	14
250.0 acres or more		2	2	-	-	1	-	3
Berries harvested for sale	farms-- acres--	890 13 385	549 11 674	2 (D)	66 (D)	110 4 607	99 2 094	121 2 360
Irrigated	farms-- acres--	646 12 499	422 11 198	- -	51 561	88 4 549	86 1 956	92 2 207

See footnotes at end of table.

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Other occupations					
		Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
CROPS HARVESTED							
Corn for silage or green chop	farms--	125	1	13	32	36	28
	acres--	2 019	(D)	(D)	266	1 014	342
Irrigated	tons, green--	39 385	(D)	(D)	3 940	22 585	4 843
	farms--	1	-	-	-	-	1
	acres--	(D)	-	-	-	-	(D)
Farms by acres harvested:							
1 to 24 acres		109	-	11	32	27	25
25 to 99 acres		13	1	2	-	6	3
100 to 249 acres		3	-	-	-	3	-
250 to 499 acres		-	-	-	-	-	-
500 acres or more		-	-	-	-	-	-
Irish potatoes	farms--	15	-	2	2	1	9
	acres--	83	-	(D)	(D)	(D)	32
Irrigated	cwt--	12 549	-	(D)	(D)	(D)	4 058
	farms--	1	-	-	-	-	1
	acres--	(D)	-	-	-	-	(D)
Farms by acres harvested:							
0.1 to 4.9 acres		9	-	1	-	1	6
5.0 to 24.9 acres		5	-	-	-	-	3
25.0 to 99.9 acres		1	-	1	-	-	-
100.0 to 249.9 acres		-	-	-	-	-	-
250.0 acres or more		-	-	-	-	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms--	1 440	3	121	372	377	327
	acres--	34 382	218	3 788	6 981	9 436	8 037
Irrigated	tons, dry--	56 379	382	7 575	10 500	14 830	12 651
	farms--	10	-	2	3	1	4
	acres--	105	-	(D)	12	(D)	75
Farms by acres harvested:							
1 to 24 acres		986	1	81	286	249	208
25 to 99 acres		411	1	30	81	114	112
100 to 249 acres		39	1	9	5	13	5
250 to 499 acres		3	-	-	-	1	2
500 acres or more		1	-	1	-	-	-
Tame hay other than alfalfa, small grain, and wild hay (see text)	farms--	754	3	60	170	205	194
	acres--	17 257	218	1 822	3 005	4 957	4 400
Irrigated	tons, dry--	28 562	362	3 808	4 904	7 545	6 706
	farms--	3	-	-	1	-	2
	acres--	63	-	-	(D)	-	(D)
Vegetables harvested for sale (see text)	farms--	352	9	40	83	80	82
	acres--	2 005	62	196	498	471	553
Irrigated	farms--	75	-	14	20	14	16
	acres--	282	-	40	71	45	101
Farms by acres harvested:							
0.1 to 4.9 acres		225	2	26	55	53	47
5.0 to 24.9 acres		113	7	13	25	23	29
25.0 to 99.9 acres		14	-	1	3	4	6
100.0 to 249.9 acres		-	-	-	-	-	-
250.0 acres or more		-	-	-	-	-	-
Sweet corn harvested for sale	farms--	186	4	15	44	50	38
	acres--	987	33	69	257	252	284
Irrigated	farms--	33	-	3	11	6	8
	acres--	122	-	9	31	9	61
Land in orchards	farms--	282	-	16	87	70	78
	acres--	1 909	-	93	576	683	377
Irrigated	farms--	22	-	2	7	3	8
	acres--	69	-	(D)	10	29	27
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres		170	-	10	57	27	56
5.0 to 24.9 acres		102	-	5	28	37	22
25.0 to 99.9 acres		8	-	1	-	6	-
100.0 to 249.9 acres		2	-	-	2	-	1
250.0 acres or more		-	-	-	-	-	-
Berries harvested for sale	farms--	341	4	35	102	89	60
	acres--	1 711	4	110	389	725	303
Irrigated	farms--	224	3	22	73	61	35
	acres--	1 301	4	74	350	522	216

¹Data are based on a sample of farms.²Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than \$1,000.

Table 51. Summary by Size of Farm: 1987

(For meaning of abbreviations and symbols, see introductory text)

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
F FARMS AND LAND IN FARMS						
Farms - number	6 216	1 105	2 125	587	539	566
Farms - percent	100.0	17.8	34.2	9.4	8.7	9.1
Land in farms - acres	615 185	4 911	52 758	33 925	44 465	65 401
Average size of farm - acres	99	4	25	58	82	116
M MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD						
Total sales (see text) - farms	6 216	1 105	2 125	587	539	566
Total sales (see text) - \$1,000	340 464	26 938	59 224	30 504	26 092	21 564
Average per farm - dollars	54 772	24 378	27 870	51 965	48 409	38 099
Farms by value of sales:						
Less than \$1,000 (see text) -	1 133	194	552	121	80	85
\$1,000 to \$2,499 -	1 034	238	388	115	102	85
\$2,500 to \$4,999 -	830	172	285	88	79	84
\$5,000 to \$9,999 -	720	157	228	68	77	76
\$10,000 to \$19,999 -	591	117	216	50	46	59
\$20,000 to \$24,999 -	179	36	65	11	13	15
\$25,000 to \$39,999 -	356	61	126	31	32	23
\$40,000 to \$49,999 -	138	20	33	24	8	11
\$50,000 to \$99,999 -	515	52	124	42	42	64
\$100,000 to \$249,999 -	475	41	69	26	48	51
\$250,000 to \$499,999 -	148	10	21	7	6	10
\$500,000 to \$999,999 -	53	4	9	-	2	3
\$1,000,000 or more -	44	3	9	4	4	-
Grains - farms	78	-	24	6	8	10
Grains - \$1,000	785	-	76	(D)	(D)	45
Sales of \$50,000 or more - farms	5	-	-	-	-	-
Sales of \$50,000 or more - \$1,000	332	-	-	-	-	-
Corn for grain - farms	67	-	20	5	8	7
Corn for grain - \$1,000	729	-	72	9	(D)	37
Wheat - farms	3	-	-	-	-	1
Wheat - \$1,000	(D)	-	-	-	-	(D)
Soybeans - farms	-	-	-	-	-	-
Soybeans - \$1,000	-	-	-	-	-	-
Sorghum for grain - farms	-	-	-	-	-	-
Sorghum for grain - \$1,000	-	-	-	-	-	-
Barley - farms	-	-	-	-	-	-
Barley - \$1,000	-	-	-	-	-	-
Oats - farms	5	-	2	-	-	1
Oats - \$1,000	(D)	-	(D)	-	-	(D)
Other grains - farms	7	-	2	1	-	1
Other grains - \$1,000	39	-	(D)	(D)	-	(D)
Cotton and cottonseed - farms	-	-	-	-	-	-
Cotton and cottonseed - \$1,000	-	-	-	-	-	-
Sales of \$50,000 or more - farms	-	-	-	-	-	-
Sales of \$50,000 or more - \$1,000	-	-	-	-	-	-
Tobacco - farms	21	-	6	1	2	4
Tobacco - \$1,000	4 587	-	189	(D)	(D)	728
Sales of \$50,000 or more - farms	11	-	1	1	1	2
Sales of \$50,000 or more - \$1,000	4 355	-	(D)	(D)	(D)	(D)
Hay, silage, and field seeds - farms	1 569	18	391	187	209	229
Hay, silage, and field seeds - \$1,000	7 803	21	606	477	762	928
Sales of \$50,000 or more - farms	18	-	-	-	-	-
Sales of \$50,000 or more - \$1,000	1 250	-	-	-	-	-
Vegetables, sweet corn, and melons - farms	1 007	162	387	116	90	77
Vegetables, sweet corn, and melons - \$1,000	25 179	923	6 471	3 389	3 341	3 109
Sales of \$50,000 or more - farms	138	-	30	21	27	16
Sales of \$50,000 or more - \$1,000	15 627	-	2 203	1 935	2 484	2 547
Fruits, nuts, and berries - farms	1 186	194	451	130	94	105
Fruits, nuts, and berries - \$1,000	92 349	1 216	10 645	4 335	5 111	8 939
Sales of \$50,000 or more - farms	305	1	70	29	33	53
Sales of \$50,000 or more - \$1,000	83 747	(D)	6 674	3 222	4 544	8 430
Nursery and greenhouse crops - farms	824	368	263	59	50	25
Nursery and greenhouse crops - \$1,000	80 867	19 384	30 262	5 449	10 326	1 381
Sales of \$50,000 or more - farms	212	89	75	12	12	5
Sales of \$50,000 or more - \$1,000	73 509	15 742	28 271	4 936	9 879	1 114
Other crops - farms	114	14	36	14	13	12
Other crops - \$1,000	4 285	24	207	141	105	235
Sales of \$50,000 or more - farms	12	-	-	-	-	2
Sales of \$50,000 or more - \$1,000	3 520	-	-	-	-	(D)
Poultry and poultry products - farms	498	90	191	51	38	41
Poultry and poultry products - \$1,000	23 149	2 652	3 842	973	2 643	588
Sales of \$50,000 or more - farms	44	9	16	3	3	2
Sales of \$50,000 or more - \$1,000	22 016	2 405	3 390	845	2 599	(D)
Dairy products - farms	609	14	49	18	50	66
Dairy products - \$1,000	63 309	589	2 215	832	2 568	3 813
Sales of \$50,000 or more - farms	409	3	15	5	23	36
Sales of \$50,000 or more - \$1,000	58 969	360	1 734	540	2 025	3 197
Cattle and calves - farms	1 725	87	342	135	205	237
Cattle and calves - \$1,000	11 297	263	983	451	642	1 060
Sales of \$50,000 or more - farms	25	-	2	2	-	1
Sales of \$50,000 or more - \$1,000	2 563	-	(D)	(D)	-	(D)

See footnotes at end of table.

Table 51. Summary by Size of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
F FARMS AND LAND IN FARMS							
Farms -----	324	264	163	386	126	26	5
Percent -----	5.2	4.2	2.6	6.2	2.0	.4	.1
Land in farms -----	50 600	52 297	38 800	134 194	79 966	34 020	23 848
Average size of farm -----	156	198	238	348	635	1 308	4 770
M MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) -----	324	264	163	386	126	26	5
Farms -----	\$1,000--	18 453	16 168	14 470	54 262	40 120	15 766
Average per farm -----	Dollars--	56 954	61 242	88 771	140 576	318 416	606 390
Farms by value of sales:							
Less than \$1,000 (see text) -----		47	22	5	18	9	-
\$1,000 to \$2,499 -----		41	35	8	19	3	-
\$2,500 to \$4,999 -----		37	33	18	26	7	1
\$5,000 to \$9,999 -----		38	31	19	22	4	-
\$10,000 to \$19,999 -----		23	27	15	27	6	5
\$20,000 to \$24,999 -----		16	4	4	12	3	-
\$25,000 to \$39,999 -----		15	24	16	24	4	-
\$40,000 to \$49,999 -----		7	12	5	17	1	-
\$50,000 to \$99,999 -----		39	27	29	72	22	2
\$100,000 to \$249,999 -----		43	38	33	95	28	2
\$250,000 to \$499,999 -----		17	8	7	34	23	5
\$500,000 to \$999,999 -----		-	2	2	12	11	6
\$1,000,000 or more -----		1	1	2	6	5	5
Grains -----	farms--	3	4	2	8	8	3
\$1,000--		37	19	(D)	110	206	154
Sales of \$50,000 or more -----	farms--	-	-	-	1	2	1
\$1,000--		-	-	-	(D)	(D)	(D)
Corn for grain -----	farms--	3	3	2	7	8	3
\$1,000--		37	(D)	(D)	(D)	198	154
Wheat -----	farms--	-	-	-	-	2	-
\$1,000--		-	-	-	-	(D)	-
Soybeans -----	farms--	-	-	-	-	-	-
\$1,000--		-	-	-	-	-	-
Sorghum for grain -----	farms--	-	-	-	-	-	-
\$1,000--		-	-	-	-	-	-
Barley -----	farms--	-	-	-	-	-	-
\$1,000--		-	-	-	-	-	-
Oats -----	farms--	-	-	-	-	2	-
\$1,000--		-	-	-	-	(D)	-
Other grains -----	farms--	-	1	-	1	-	1
\$1,000--		(D)	-	(D)	-	-	(D)
Cotton and cottonseed -----	farms--	-	-	-	-	-	-
\$1,000--		-	-	-	-	-	-
Sales of \$50,000 or more -----	farms--	-	-	-	-	-	-
\$1,000--		-	-	-	-	-	-
Tobacco -----	farms--	3	-	2	2	1	-
\$1,000--		656	-	(D)	(D)	(D)	-
Sales of \$50,000 or more -----	farms--	2	-	2	2	-	-
\$1,000--		(D)	-	(D)	(D)	-	-
Hay, silage, and field seeds -----	farms--	115	126	77	165	45	6
\$1,000--		567	753	621	2 068	852	(D)
Sales of \$50,000 or more -----	farms--	-	-	2	9	6	1
\$1,000--		-	-	(D)	634	397	(D)
Vegetables, sweet corn, and melons -----	farms--	55	34	23	47	11	4
\$1,000--		2 544	870	1 302	2 245	676	(D)
Sales of \$50,000 or more -----	farms--	14	7	8	11	2	2
\$1,000--		2 070	699	1 135	1 810	(D)	-
Fruits, nuts, and berries -----	farms--	57	49	25	55	15	9
\$1,000--		5 357	5 388	1 861	17 292	7 425	(D)
Sales of \$50,000 or more -----	farms--	24	25	8	41	12	2
\$1,000--		4 867	4 995	1 638	17 102	7 408	(D)
Nursery and greenhouse crops -----	farms--	22	12	8	10	5	2
\$1,000--		1 487	722	1 149	2 881	(D)	(D)
Sales of \$50,000 or more -----	farms--	6	2	5	3	3	-
\$1,000--		1 318	(D)	1 138	2 810	(D)	-
Other crops -----	farms--	5	7	3	6	1	2
\$1,000--		177	145	121	936	(D)	(D)
Sales of \$50,000 or more -----	farms--	1	2	1	4	-	1
\$1,000--		(D)	(D)	(D)	(D)	(D)	(D)
Poultry and poultry products -----	farms--	22	22	14	22	5	1
\$1,000--		1 619	2 242	1 218	1 688	(D)	(D)
Sales of \$50,000 or more -----	farms--	4	1	2	2	1	1
\$1,000--		1 568	(D)	(D)	(D)	(D)	(D)
Dairy products -----	farms--	63	54	55	169	61	10
\$1,000--		4 889	4 745	5 681	21 605	12 503	3 670
Sales of \$50,000 or more -----	farms--	41	37	41	140	58	10
\$1,000--		4 398	4 285	5 477	20 850	12 433	3 670
Cattle and calves -----	farms--	153	136	89	247	80	13
\$1,000--		819	969	879	3 324	1 306	(D)
Sales of \$50,000 or more -----	farms--	1	1	3	10	3	1
\$1,000--		(D)	(D)	156	1 339	225	(D)

See footnotes at end of table.

Table 51. Summary by Size of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text.]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.						
Total sales (see text)—Con.						
Hogs and pigs	farms-\$1,000-	387 4 220	45 186	146 1 591	39 629	36 127
Sales of \$50,000 or more	farms-\$1,000-	15 2 705	-	4 1 158	2 (D)	- (D)
Sheep, lambs, and wool	farms-\$1,000-	563 884	70 70	214 193	74 49	49 120
Sales of \$50,000 or more	farms-\$1,000-	1 (D)	-	-	-	-
Other livestock and livestock products (see text)	farms-\$1,000-	722 21 748	188 1 611	293 1 944	55 13 719	57 160
Sales of \$50,000 or more	farms-\$1,000-	25 18 082	7 945	9 880	3 13 499	2 (D)
FARM PRODUCTION EXPENSES¹						
Total farm production expenses	farms-\$1,000-	6 216 251 496	1 098 20 776	2 171 48 876	553 26 185	541 16 636
Average per farm	dollars-\$1,000-	40 460	18 822	22 513	47 351	30 750
Livestock and poultry purchased	farms-\$1,000-	1 559 11 441	228 1 049	503 2 257	134 2 258	167 634
Farms with expenses of—						
\$1 to \$4,999		1 238	187	420	121	146
\$5,000 to \$24,999		242	57	61	8	17
\$25,000 to \$99,999		64	3	19	2	3
\$100,000 or more		15	1	3	3	1
Feed for livestock and poultry	farms-\$1,000-	2 893 33 525	382 2 439	936 4 163	232 2 744	278 1 778
Farms with expenses of—						
\$1 to \$4,999		2 130	260	790	216	232
\$5,000 to \$24,999		448	103	115	7	36
\$25,000 to \$99,999		271	17	23	6	8
\$100,000 or more		44	2	8	3	2
Commercially mixed formula feeds	farms-\$1,000-	1 552 26 256	223 1 430	402 2 376	89 2 446	163 1 355
Farms with expenses of—						
\$1 to \$4,999		992	171	340	77	126
\$5,000 to \$24,999		322	42	44	3	31
\$25,000 to \$79,999		192	6	12	6	3
\$80,000 or more		46	4	6	3	3
Seeds, bulbs, plants, and trees	farms-\$1,000-	2 429 6 227	452 813	713 2 352	179 608	189 469
Farms with expenses of—						
\$1 to \$999		1 651	338	546	111	136
\$1,000 to \$4,999		618	71	129	60	42
\$5,000 to \$24,999		121	38	24	3	7
\$25,000 or more		39	5	14	5	4
Commercial fertilizer	farms-\$1,000-	3 858 8 953	625 368	1 187 887	347 440	364 592
Farms with expenses of—						
\$1 to \$4,999		3 420	622	1 167	330	318
\$5,000 to \$24,999		398	2	20	17	46
\$25,000 to \$49,999		28	1	-	-	1
\$50,000 or more		12	-	-	-	-
Agricultural chemicals	farms-\$1,000-	3 027 7 319	564 208	882 966	294 583	188 533
Farms with expenses of—						
\$1 to \$4,999		2 719	562	950	261	150
\$5,000 to \$24,999		264	1	29	33	37
\$25,000 to \$49,999		29	1	3	-	40
\$50,000 or more		15	-	-	-	2
Petroleum products	farms-\$1,000-	5 859 12 042	1 008 1 517	2 036 2 794	499 1 084	521 1 068
Farms with expenses of—						
\$1 to \$4,999		5 438	948	1 865	484	496
\$5,000 to \$24,999		368	55	59	8	21
\$25,000 to \$49,999		32	3	8	3	2
\$50,000 or more		20	2	4	4	1
Gasoline and gasohol	farms-\$1,000-	5 243 5 325	886 533	1 841 1 141	479 612	423 350
Diesel fuel	farms-\$1,000-	2 743 2 585	270 187	792 358	208 181	320 186
Natural gas	farms-\$1,000-	175 841	42 175	62 312	7 121	18 77
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms-\$1,000-	3 773 3 291	578 623	1 176 983	359 170	300 455

See footnotes at end of table.

Table 51. Summary by Size of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.							
Total sales (see text)—Con.							
Hogs and pigs farms—	18	13	8	23	9	2	-
\$1,000— 87	55	71	432	(D)	5	(D)	-
Sales of \$50,000 or more farms—	-	-	-	2	5	-	-
\$1,000— -	-	-	-	(D)	644	-	-
Sheep, lambs, and wool farms—	19	20	13	27	16	4	-
\$1,000— 28	16	21	30	195	23	-	-
Sales of \$50,000 or more farms—	-	-	-	-	1	-	-
\$1,000— -	-	-	-	(D)	-	-	-
Other livestock and livestock products (see text)— farms—	16	22	12	21	7	2	1
\$1,000— 185	145	114	(D)	3 052	(D)	(D)	(D)
Sales of \$50,000 or more farms—	1	-	-	-	1	1	1
\$1,000— (D)	-	-	-	(D)	(D)	(D)	(D)
FARM PRODUCTION EXPENSES¹							
Total farm production expenses farms—	364	262	133	379	113	26	5
\$1,000— 14 128	11 554	9 683	39 262	30 068	9 931	8 914	1 782 876
Average per farm dollars—	38 812	44 101	72 807	103 595	266 092	381 970	
Livestock and poultry purchased farms—	75	65	38	134	35	10	1
\$1,000— 415	343	534	1 359	1 407	(D)	(D)	(D)
Farms with expenses of—							
\$1 to \$4,999	51	59	20	87	15	4	-
\$5,000 to \$24,999	20	3	13	32	10	4	-
\$25,000 to \$99,999	4	2	4	13	8	2	-
\$100,000 or more	-	1	1	2	2	-	1
Feed for livestock and poultry farms—	170	170	80	225	86	14	2
\$1,000— 2 101	2 491	2 082	6 433	6 338	(D)	(D)	(D)
Farms with expenses of—							
\$1 to \$4,999	128	120	39	71	13	5	-
\$5,000 to \$24,999	20	22	20	61	21	1	-
\$25,000 to \$99,999	20	27	17	86	43	6	1
\$100,000 or more	2	1	4	7	9	2	1
Commercially mixed formula feeds farms—	64	123	60	181	72	12	2
\$1,000— 1 654	1 962	1 531	5 443	5 570	(D)	(D)	(D)
Farms with expenses of—							
\$1 to \$4,999	24	82	22	33	5	3	-
\$5,000 to \$24,999	21	24	27	68	24	1	-
\$25,000 to \$79,999	18	15	8	74	33	4	1
\$80,000 or more	1	2	3	6	10	4	1
Seeds, bulbs, plants, and trees farms—	128	148	78	220	86	16	3
\$1,000— 228	137	183	480	365	228	126	
Farms with expenses of—							
\$1 to \$999	84	111	33	122	20	1	-
\$1,000 to \$4,999	35	35	39	87	52	7	1
\$5,000 to \$24,999	7	2	5	7	13	7	-
\$25,000 or more	2	-	1	4	1	1	2
Commercial fertilizer farms—	236	224	110	298	104	23	5
\$1,000— 554	575	507	2 018	1 145	678	574	
Farms with expenses of—							
\$1 to \$4,999	204	181	82	180	36	5	-
\$5,000 to \$24,999	31	43	26	104	56	12	2
\$25,000 to \$49,999	1	-	1	11	11	2	-
\$50,000 or more	-	-	1	3	1	4	3
Agricultural chemicals farms—	176	112	78	243	86	20	5
\$1,000— 603	550	222	1 279	734	481	515	
Farms with expenses of—							
\$1 to \$4,999	147	76	68	197	62	8	1
\$5,000 to \$24,999	25	35	9	32	17	5	-
\$25,000 to \$49,999	4	1	1	9	4	4	-
\$50,000 or more	-	-	-	5	3	3	3
Petroleum products farms—	355	254	133	371	113	26	5
\$1,000— 664	504	435	1 648	927	352	265	
Farms with expenses of—							
\$1 to \$4,999	331	231	114	279	66	7	-
\$5,000 to \$24,999	23	23	16	87	41	13	3
\$25,000 to \$49,999	1	-	2	3	4	5	-
\$50,000 or more	-	-	1	2	2	1	2
Gasoline and gasohol farms—	315	216	127	331	106	24	4
\$1,000— 336	253	189	709	436	183	85	
Diesel fuel farms—	224	168	84	296	90	24	5
\$1,000— 168	173	144	529	340	109	67	
Natural gas farms—	3	6	2	18	11	3	2
\$1,000— 11	5	(D)	40	57	17	(D)	
LP gas, fuel oil, kerosene, motor oil, grease, etc. farms—	236	214	117	340	111	25	5
\$1,000— 149	74	(D)	370	94	44	(D)	

See footnotes at end of table.

Table 51. Summary by Size of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
FARM PRODUCTION EXPENSES¹						
—Con.						
Total farm production expenses—Con.						
Electricity farms--\$1,000--	4 286 5 959	684 631	1 303 1 180	375 629	360 542	433 373
Farms with expenses of—						
\$1 to \$999	3 151	540	1 104	283	270	330
\$1,000 to \$4,999	895	111	165	84	81	87
\$5,000 to \$24,999	225	33	30	7	7	16
\$25,000 or more	15	-	4	1	2	-
Hired farm labor farms--\$1,000--	2 185 66 579	365 4 755	585 13 443	205 9 115	198 4 327	135 3 507
Farms with expenses of—						
\$1 to \$4,999	1 095	216	370	107	113	45
\$5,000 to \$24,999	617	90	120	68	40	57
\$25,000 to \$99,999	362	41	70	24	41	27
\$100,000 or more	111	8	25	6	4	6
Contract labor farms--\$1,000--	1 025 7 906	213 801	277 1 672	132 487	80 495	91 880
Farms with expenses of—						
\$1 to \$999	408	118	120	45	30	28
\$1,000 to \$4,999	332	52	104	44	22	27
\$5,000 to \$24,999	231	39	45	41	22	29
\$25,000 or more	54	4	8	2	6	7
Repair and maintenance farms--\$1,000--	5 222 16 873	863 1 617	1 815 3 642	484 1 106	455 1 160	476 1 150
Farms with expenses of—						
\$1 to \$4,999	4 353	773	1 639	438	385	404
\$5,000 to \$24,999	785	88	161	42	63	68
\$25,000 to \$49,999	55	-	12	2	6	3
\$50,000 or more	29	2	3	2	1	1
Customwork, machine hire, and rental of machinery and equipment ¹ farms--\$1,000--	1 276 3 570	213 192	423 420	119 234	89 191	89 304
Farms with expenses of—						
\$1 to \$999	781	172	304	65	60	42
\$1,000 to \$4,999	362	36	107	43	19	29
\$5,000 to \$24,999	115	3	12	11	9	16
\$25,000 or more	18	2	-	-	1	2
Interest expense farms--\$1,000--	1 981 13 788	349 1 629	599 2 614	172 871	166 890	142 724
Farms with expenses of—						
\$1 to \$4,999	1 395	272	491	116	100	103
\$5,000 to \$24,999	485	70	93	53	61	34
\$25,000 to \$99,999	88	7	13	2	5	5
\$100,000 or more	13	-	2	1	-	-
Secured by real estate farms--\$1,000--	1 410 10 563	244 1 288	423 2 089	129 632	124 698	110 540
Farms with expenses of—						
\$1 to \$999	281	42	74	36	23	40
\$1,000 to \$4,999	659	131	252	54	58	40
\$5,000 to \$24,999	391	65	84	37	39	28
\$25,000 or more	79	6	13	2	4	2
Not secured by real estate farms--\$1,000--	950 3 225	182 341	281 526	68 239	73 192	76 184
Farms with expenses of—						
\$1 to \$999	440	96	156	25	31	36
\$1,000 to \$4,999	375	79	106	32	31	32
\$5,000 to \$24,999	112	6	16	9	11	7
\$25,000 or more	23	1	3	2	-	1
Cash rent farms--\$1,000--	1 092 3 848	77 266	228 385	122 485	96 393	112 305
Farms with expenses of—						
\$1 to \$4,999	918	70	214	86	89	99
\$5,000 to \$9,999	86	2	9	20	3	8
\$10,000 to \$24,999	65	2	2	16	2	4
\$25,000 or more	23	3	3	-	2	1
Property taxes farms--\$1,000--	5 817 15 219	986 1 472	2 021 3 943	526 1 241	517 1 065	552 1 411
Farms with expenses of—						
\$1 to \$4,999	5 240	953	1 889	472	481	501
\$5,000 to \$9,999	397	26	105	42	28	25
\$10,000 to \$24,999	150	6	24	10	6	26
\$25,000 or more	30	1	3	2	2	-
All other farm production expenses farms--\$1,000--	5 700 38 248	1 018 3 020	1 919 8 157	530 4 302	467 2 498	519 2 251
Farms with expenses of—						
\$1 to \$4,999	4 694	917	1 667	465	398	436
\$5,000 to \$24,999	744	85	212	56	46	61
\$25,000 to \$49,999	143	5	21	4	17	14
\$50,000 or more	119	11	19	5	6	8

See footnotes at end of table.

Table 51. Summary by Size of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
FARM PRODUCTION EXPENSES¹							
—Con.							
Total farm production expenses—Con.							
Electricity — farms—	321	227	114	338	102	24	5
\$1,000—	348	302	228	857	609	176	84
Farms with expenses of—							
\$1 to \$999—	230	150	70	148	21	5	-
\$1,000 to \$4,999—	79	65	32	142	43	6	-
\$5,000 to \$24,999—	11	12	12	46	35	13	3
\$25,000 or more —	1	-	-	2	3	-	2
Hired farm labor — farms—	156	135	68	245	76	22	5
\$1,000—	3 060	2 222	2 224	10 399	8 165	2 056	3 306
Farms with expenses of—							
\$1 to \$4,999—	84	68	16	61	10	5	-
\$5,000 to \$24,999—	28	46	37	109	18	3	1
\$25,000 to \$99,999—	36	17	10	55	34	6	1
\$100,000 or more —	8	4	5	20	14	8	3
Contract labor — farms—	54	46	34	67	22	7	2
\$1,000—	549	529	165	811	778	(D)	(D)
Farms with expenses of—							
\$1 to \$999—	20	12	15	16	3	1	-
\$1,000 to \$4,999—	9	16	11	37	8	2	-
\$5,000 to \$24,999—	20	15	7	6	6	1	-
\$25,000 or more —	5	3	1	8	5	3	2
Repair and maintenance — farms—	282	243	122	345	108	25	4
\$1,000—	1 228	795	868	2 661	1 437	679	531
Farms with expenses of—							
\$1 to \$4,999—	209	196	59	197	46	6	1
\$5,000 to \$24,999—	72	44	59	131	47	9	1
\$25,000 to \$49,999—	-	3	3	11	11	4	-
\$50,000 or more —	1	-	1	6	4	6	2
Customwork, machine hire, and rental of machinery and equipment — farms—	94	60	30	108	36	13	2
\$1,000—	271	180	91	492	451	(D)	(D)
Farms with expenses of—							
\$1 to \$999—	44	34	7	46	3	4	-
\$1,000 to \$4,999—	32	17	13	42	23	1	-
\$5,000 to \$24,999—	17	8	10	15	8	6	-
\$25,000 or more —	1	1	-	5	2	2	2
Interest expense — farms—	118	93	62	190	69	19	2
\$1,000—	546	629	659	2 746	1 618	(D)	(D)
Farms with expenses of—							
\$1 to \$4,999—	96	49	34	99	27	8	-
\$5,000 to \$24,999—	18	39	21	66	26	4	-
\$25,000 to \$99,999—	4	5	5	21	13	7	1
\$100,000 or more —	-	-	2	4	3	-	1
Secured by real estate — farms—	60	60	45	141	60	12	2
\$1,000—	347	480	526	2 145	1 150	(D)	(D)
Farms with expenses of—							
\$1 to \$999—	25	10	3	19	8	1	-
\$1,000 to \$4,999—	19	11	18	55	17	4	-
\$5,000 to \$24,999—	13	36	18	47	22	2	-
\$25,000 or more —	3	3	6	20	13	5	2
Not secured by real estate — farms—	68	42	25	90	32	13	-
\$1,000—	199	149	133	601	468	192	-
Farms with expenses of—							
\$1 to \$999—	34	21	4	29	7	1	-
\$1,000 to \$4,999—	27	14	16	27	8	3	-
\$5,000 to \$24,999—	6	5	3	30	13	6	-
\$25,000 or more —	1	2	2	4	4	3	-
Cash rent — farms—	93	75	70	158	52	9	-
\$1,000—	296	201	193	701	474	148	-
Farms with expenses of—							
\$1 to \$4,999—	75	60	67	126	30	2	-
\$5,000 to \$9,999—	7	12	1	16	6	2	-
\$10,000 to \$24,999—	11	3	1	11	10	3	-
\$25,000 or more —	-	-	1	5	6	2	-
Property taxes — farms—	345	257	106	370	110	23	4
\$1,000—	1 100	857	376	1 789	907	390	668
Farms with expenses of—							
\$1 to \$4,999—	278	216	87	294	63	6	-
\$5,000 to \$9,999—	52	26	16	41	31	5	-
\$10,000 to \$24,999—	13	15	2	28	11	8	1
\$25,000 or more —	2	-	1	7	5	4	3
All other farm production expenses — farms—	356	250	126	371	113	26	5
\$1,000—	2 165	1 238	917	5 590	4 715	2 179	1 217
Farms with expenses of—							
\$1 to \$4,999—	284	182	86	205	47	7	-
\$5,000 to \$24,999—	49	56	30	108	34	6	1
\$25,000 to \$49,999—	16	10	6	30	16	3	1
\$50,000 or more —	7	2	4	28	16	10	3

See footnotes at end of table.

Table 51. Summary by Size of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT¹						
All farms—number	6 216	1 098	2 171	553	541	571
\$1,000—dollars	84 172	5 933	11 078	5 571	7 285	4 629
Average per farm	13 541	5 404	5 103	10 074	13 466	8 107
Farms with net gains ² —number	3 017	545	936	216	228	270
Average net gain—dollars	35 387	17 996	20 482	32 882	39 978	23 375
Gain of—						
Less than \$1,000	374	81	183	26	46	19
\$1,000 to \$9,999	1 131	284	352	77	95	101
\$10,000 to \$49,999	1 077	140	313	83	62	114
\$50,000 or more	435	40	88	30	25	36
Farms with net losses—number	3 199	553	1 235	337	313	301
Average net loss—dollars	7 062	7 006	6 553	4 545	5 847	5 589
Loss of—						
Less than \$1,000	463	107	170	43	62	29
\$1,000 to \$9,999	2 195	359	903	269	190	207
\$10,000 to \$49,999	490	68	148	24	60	65
\$50,000 or more	51	19	14	1	1	-
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME						
Government payments—farms	400	19	55	27	41	34
\$1,000—	2 213	12	26	21	124	73
Other farm-related income ¹ —farms	1 361	101	394	96	143	164
\$1,000—	5 802	413	1 420	298	549	539
Customwork and other agricultural services—farms	449	32	155	19	35	57
\$1,000—	2 163	97	682	70	214	404
Gross cash rent or share payments—farms	300	30	69	24	48	33
\$1,000—	477	12	128	95	31	23
Forest products and Christmas trees—farms	570	38	157	68	69	51
\$1,000—	1 780	214	253	114	215	46
Other farm-related income sources—farms	368	11	76	4	40	56
\$1,000—	1 382	90	357	18	88	66
COMMODITY CREDIT CORPORATION LOANS						
Total—farms	8	2	1	-	-	-
\$1,000—	159	(D)	(D)	-	-	-
Corn—farms	5	-	-	-	-	-
\$1,000—	(D)	-	-	-	-	-
Wheat—farms	-	-	-	-	-	-
\$1,000—	-	-	-	-	-	-
Soybeans—farms	-	-	-	-	-	-
\$1,000—	-	-	-	-	-	-
Sorghum, barley, and oats—farms	-	-	-	-	-	-
\$1,000—	-	-	-	-	-	-
Cotton—farms	-	-	-	-	-	-
\$1,000—	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey—farms	3	2	1	-	-	-
\$1,000—	(D)	(D)	(D)	-	-	-
LAND IN FARMS ACCORDING TO USE						
Total cropland—farms	5 654	849	1 920	552	519	547
acres	272 588	2 419	26 813	15 303	21 124	28 878
Harvested cropland—farms	5 084	742	1 622	512	466	510
acres	194 874	1 798	17 299	10 962	14 596	19 876
Farms by acres harvested:						
1 to 49 acres	4 028	742	1 622	463	378	361
50 to 99 acres	544	-	-	49	108	107
100 to 199 acres	336	-	-	-	-	42
200 to 499 acres	153	-	-	-	-	-
500 to 999 acres	21	-	-	-	-	-
1,000 to 1,999 acres	1	-	-	-	-	-
2,000 acres or more	1	-	-	-	-	-
Cropland:						
Pasture or grazing only—farms	2 164	145	670	194	249	268
acres	52 884	415	6 285	2 738	4 704	6 708
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured—farms	362	21	105	28	45	32
acres	6 986	(D)	580	219	544	349
On which all crops failed—farms	208	9	75	25	28	17
acres	1 531	17	357	114	296	101
In cultivated summer fallow—farms	73	1	17	6	7	14
acres	946	(D)	50	35	36	333
Idle—farms	857	64	290	105	77	84
acres	15 367	143	2 242	1 235	948	1 511
Total woodland—farms	3 382	147	978	396	370	437
acres	225 442	399	11 587	10 435	14 963	26 105
Woodland pastured—farms	1 049	33	244	109	114	150
acres	35 745	96	2 124	1 564	2 186	3 828
Woodland not pastured—farms	2 933	121	836	338	328	395
acres	189 697	303	9 463	8 871	12 777	22 277

See footnotes at end of table.

Table 51. Summary by Size of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT¹							
All farms----- number----- \$1,000----- Average per farm----- dollars-----	364 3 921 10 772	262 5 464 20 856	133 2 880 21 653	379 14 071 37 126	113 9 516 84 213	26 5 835 224 420	5 7 989 1 597 714
Farms with net gains ² ----- number----- Average net gain----- dollars-----	207 26 749	135 50 659	96 34 943	271 55 800	88 113 914	21 279 369	4 2 127 597
Gain of----- Less than \$1,000----- \$1,000 to \$9,999----- \$10,000 to \$49,999----- \$50,000 or more-----	7 106 63 31	10 28 55 42	- 41 38 17	1 33 157 80	1 10 48 29	- 4 3 14	- - 1 3
Farms with net losses----- number----- Average net loss----- dollars-----	157 10 292	127 10 825	37 12 829	108 9 733	25 20 334	5 (D)	1 (D)
Loss of----- Less than \$1,000----- \$1,000 to \$9,999----- \$10,000 to \$49,999----- \$50,000 or more-----	17 101 39 -	14 72 32 9	10 11 15 1	9 66 32 1	1 14 6 4	1 3 1 -	- - - 1
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME							
Government payments----- farms----- \$1,000-----	40 60	38 83	21 375	78 1 191	40 176	6 (D)	1 (D)
Other farm-related income ¹ ----- farms----- \$1,000-----	97 676	105 322	47 301	170 966	40 257	3 (D)	1 (D)
Customwork and other agricultural services----- farms----- \$1,000-----	33 52	57 166	12 208	40 231	9 38	- -	- -
Gross cash rent or share payments----- farms----- \$1,000-----	19 73	21 53	4 5	50 (D)	2 -	- -	- -
Forest products and Christmas trees----- farms----- \$1,000-----	38 273	58 73	15 58	50 (D)	23 174	2 (D)	1 (D)
Other farm-related income sources----- farms----- \$1,000-----	39 279	21 30	20 30	82 352	17 (D)	2 (D)	- -
COMMODITY CREDIT CORPORATION LOANS							
Total----- farms----- \$1,000-----	1 (D)	- -	- -	- -	3 56	1 (D)	- -
Corn----- farms----- \$1,000-----	1 (D)	- -	- -	- -	3 56	1 (D)	- -
Wheat----- farms----- \$1,000-----	- -	- -	- -	- -	- -	- -	- -
Soybeans----- farms----- \$1,000-----	- -	- -	- -	- -	- -	- -	- -
Sorghum, barley, and oats----- farms----- \$1,000-----	- -	- -	- -	- -	- -	- -	- -
Cotton----- farms----- \$1,000-----	- -	- -	- -	- -	- -	- -	- -
Peanuts, rye, rice, tobacco, and honey----- farms----- \$1,000-----	- -	- -	- -	- -	- -	- -	- -
LAND IN FARMS ACCORDING TO USE							
Total cropland----- farms----- acres-----	316 21 241	259 22 656	161 18 203	380 60 148	121 33 709	25 12 457	5 9 637
Harvested cropland----- farms----- acres-----	294 14 414	249 16 492	156 13 816	364 44 663	119 26 351	25 8 500	5 6 107
Farms by acres harvested:							
1 to 49 acres----- 50 to 99 acres----- 100 to 199 acres----- 200 to 499 acres----- 500 to 999 acres----- 1,000 to 1,999 acres----- 2,000 acres or more-----	188 65 41 - - - -	118 73 53 5 - - -	49 42 53 12 - - -	83 88 116 77 - - -	19 12 29 49 10 - -	5 - 2 10 8 1 1	- - - - 3 - -
Cropland:							
Pasture or grazing only----- farms----- acres-----	143 4 342	131 4 486	86 3 410	201 11 379	64 5 564	13 2 853	- -
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured----- farms----- acres-----	24 423	21 348	19 332	42 1 772	20 (D)	3 (D)	2 (D)
On which all crops failed----- farms----- acres-----	11 109	13 260	9 57	16 191	5 29	- -	- -
In cultivated summer fallow----- farms----- acres-----	10 265	4 44	3 41	7 51	2 30	- -	- -
Idle----- farms----- acres-----	56 1 688	49 1 026	25 547	68 2 092	8 1 191	1 (D)	1 (D)
Total woodland----- farms----- acres-----	263 21 654	195 20 601	137 14 380	322 55 783	115 36 114	20 8	2 (D)
Woodland pastured----- farms----- acres-----	88 3 810	65 2 784	56 2 759	128 8 649	54 6 807	8 1 138	- -
Woodland not pastured----- farms----- acres-----	229 17 844	174 17 817	111 11 621	276 47 134	106 29 307	17 (D)	2 (D)

See footnotes at end of table.

Table 51. Summary by Size of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
LAND IN FARMS ACCORDING TO USE—Con.						
Pastureland and rangeland other than cropland and woodland pastured farms—acres—	1 269 44 998	106 370	386 3 521	141 2 445	117 2 261	136 3 060
Land in house lots, ponds, roads, wasteland, etc. farms—acres—	4 123 72 157	659 1 723	1 451 10 837	419 5 742	358 6 117	378 7 358
Cropland under federal acreage reduction programs:						
Annual commodity acreage adjustment programs farms—acres—	23 829	— —	— —	— —	1 (D)	1 (D)
Conservation reserve program farms—acres—	19 677	— —	6 144	3 66	2 (D)	— —
Value of land and buildings ¹ farms—\$1,000—	6 216 2 154 033	1 098 143 705	2 171 448 777	553 175 340	541 179 475	571 186 671
Average per farm dollars—	346 530	130 879	206 714	317 071	331 747	326 919
Average per acre dollars—	3 553	28 868	8 453	5 511	3 985	2 806
Farms by value group:						
\$1 to \$39,999	640	373	225	4	22	8
\$40,000 to \$69,999	488	131	209	60	39	28
\$70,000 to \$99,999	455	86	262	46	22	25
\$100,000 to \$149,999	771	154	333	67	48	68
\$150,000 to \$199,999	761	94	280	122	81	90
\$200,000 to \$499,999	1 921	218	675	133	231	233
\$500,000 to \$999,999	786	37	153	99	70	101
\$1,000,000 to \$1,999,999	268	3	31	7	24	15
\$2,000,000 to \$4,999,999	114	1	3	15	3	3
\$5,000,000 or more	12	1	—	—	1	—
VALUE OF MACHINERY AND EQUIPMENT¹						
Estimated market value of all machinery and equipment farms—\$1,000—	6 207 198 668	1 098 22 261	2 171 45 200	552 14 847	541 14 522	570 19 147
Farms by value group:						
\$1 to \$4,999	679	228	286	49	54	29
\$5,000 to \$9,999	1 426	300	618	153	105	116
\$10,000 to \$19,999	1 271	200	505	98	161	128
\$20,000 to \$49,999	1 701	281	556	161	153	163
\$50,000 to \$99,999	704	47	152	68	34	106
\$100,000 to \$199,999	327	34	39	20	30	22
\$200,000 to \$499,999	86	7	14	3	3	5
\$500,000 or more	13	1	1	—	1	1
SELECTED MACHINERY AND EQUIPMENT¹						
Motortrucks, including pickups farms—number—	5 204 10 957	875 1 406	1 781 3 104	453 870	465 918	472 1 001
Wheel tractors farms—number—	5 360 13 160	777 1 372	1 834 3 348	523 1 154	495 1 281	528 1 501
Less than 40 horsepower (PTO) farms—number—	4 235 7 624	678 1 015	1 512 2 347	427 796	377 640	393 779
40 horsepower (PTO) or more farms—number—	2 915 5 536	259 357	733 1 001	252 358	311 641	411 722
Grain and bean combines farms—number—	52 60	— —	9 9	1 (D)	4 7	8 12
Cottonpickers and strippers farms—number—	— —	— —	— —	— —	— —	— —
Mower conditioners farms—number—	1 586 1 783	81 103	279 297	89 91	208 217	190 196
Pickup balers farms—number—	1 820 1 993	23 23	316 347	107 107	266 290	307 326
AGRICULTURAL CHEMICALS¹						
Commercial fertilizer farms—acres on which used—	3 858 138 832	625 1 649	1 187 12 138	347 6 494	364 10 253	335 12 081
Lime farms—acres on which used—	1 339 23 208	177 537	411 3 453	139 2 032	131 1 643	113 2 805
Sprays, dusts, granules, fumigants, etc., fo control—						
Insects on hay and other crops farms—acres on which used—	2 049 49 252	411 902	746 5 937	215 4 254	123 3 044	182 5 061
Nematodes in crops farms—acres on which used—	152 5 212	16 33	43 231	3 71	10 123	9 235
Diseases in crops and orchards farms—acres on which used—	1 093 25 050	199 381	372 2 762	115 1 990	89 2 051	114 2 895
Weeds, grass, or brush in crops and pasture farms—acres on which used—	1 690 57 337	176 451	450 4 120	166 2 936	132 3 086	183 5 002
Chemicals for defoliation or for growth control of crops or thinning of fruit farms—acres on which used—	255 5 928	27 47	110 673	31 197	5 85	31 702

See footnotes at end of table.

Table 51. Summary by Size of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text.]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
LAND IN FARMS ACCORDING TO USE—Con.							
Pastureland and rangeland other than cropland and woodland pastured ----- farms-- acres--	75 2 330	68 2 562	57 2 225	120 6 558	49 3 765	10 5 998	4 9 903
Land in house lots, ponds, roads, wasteland, etc. ----- farms-- acres--	217 5 375	176 6 478	108 3 992	253 11 705	88 6 378	13 (D)	3 (D)
Cropland under federal acreage reduction programs:							
Annual commodity acreage adjustment programs ----- farms-- acres--	2 (D)	2 (D)	1 (D)	4 135	10 440	2 (D)	- -
Conservation reserve program ----- farms-- acres--	2 (D)	3 60	1 (D)	1 (D)	- -	- -	1 (D)
Value of land and buildings ¹ ----- farms-- \$1,000--	364 165 733	262 148 082	133 101 832	379 323 217	113 175 792	26 58 615	5 46 794
Average per farm ----- dollars--	455 310	565 198	765 654	852 815	1 555 581	2 254 423	9 358 800
Average per acre ----- dollars--	2 899	2 879	3 223	2 395	2 449	1 723	1 962
Farms by value group:							
\$1 to \$39,999 -----	8	-	-	-	-	-	-
\$40,000 to \$69,999 -----	20	-	1	-	-	-	-
\$70,000 to \$99,999 -----	1	11	2	-	-	-	-
\$100,000 to \$149,999 -----	49	38	4	10	-	-	-
\$150,000 to \$199,999 -----	29	31	-	26	8	-	-
\$200,000 to \$499,999 -----	158	84	50	129	10	-	-
\$500,000 to \$999,999 -----	54	58	38	122	49	5	-
\$1,000,000 to \$1,999,999 -----	38	35	32	48	26	9	-
\$2,000,000 to \$4,999,999 -----	7	4	4	43	18	11	-
\$5,000,000 or more -----	-	1	2	1	2	1	3
VALUE OF MACHINERY AND EQUIPMENT¹							
Estimated market value of all machinery and equipment ----- farms-- \$1,000--	357 14 127	262 10 504	133 7 997	379 30 122	113 11 352	26 5 109	5 3 680
Farms by value group:							
\$1 to \$4,999 -----	15	8	-	10	-	-	-
\$5,000 to \$9,999 -----	52	33	14	25	10	-	-
\$10,000 to \$19,999 -----	61	56	23	26	9	4	-
\$20,000 to \$49,999 -----	117	85	32	112	37	4	-
\$50,000 to \$99,999 -----	85	57	35	102	15	3	-
\$100,000 to \$199,999 -----	24	19	23	80	26	7	3
\$200,000 to \$499,999 -----	2	3	6	21	15	6	1
\$500,000 or more -----	1	1	-	3	1	2	1
SELECTED MACHINERY AND EQUIPMENT¹							
Motortrucks, including pickups ----- farms-- number--	293 717	227 607	132 358	371 1 228	105 556	25 160	5 32
Wheel tractors ----- farms-- number--	316 962	259 789	123 425	366 1 383	108 735	26 188	5 22
Less than 40 horsepower (PTO) ----- farms-- number--	243 482	199 419	79 160	221 505	83 398	19 73	4 10
40 horsepower (PTO) or more ----- farms-- number--	226 480	182 370	109 265	320 878	87 337	21 115	4 12
Grain and bean combines ----- farms-- number--	- -	9 10	3 3	9 9	7 7	1 (D)	1 -
Cottonpickers and strippers ----- farms-- number--	- -	- -	- -	- -	- -	- -	- -
Mower conditioners ----- farms-- number--	215 263	147 177	77 82	218 244	67 91	13 (D)	2 (D)
Pickup balers ----- farms-- number--	195 211	178 188	68 74	260 303	84 99	14 (D)	2 (D)
AGRICULTURAL CHEMICALS¹							
Commercial fertilizer ----- farms-- acres on which used--	236 8 319	224 12 502	110 8 341	298 32 657	104 22 559	23 7 036	5 4 803
Lime ----- farms-- acres on which used--	82 1 325	91 2 266	48 1 608	96 3 056	44 2 598	6 (D)	1 (D)
Sprays, dusts, granules, fumigants, etc., to control ----- farms-- acres on which used--	2 108 4 322	2 848 4 040	2 371 1 858	4 304 8 191	4 701 5 192	(D) 3 719	(D) 2 732
Insects on hay and other crops ----- farms-- acres on which used--	112 4 322	72 1 11	37 5	99 25	35 9	14 3	3 1
Nematodes in crops ----- farms-- acres on which used--	17 249	462 37	233 15	1 439 63	1 006 12	(D) 8	(D) 3
Diseases in crops and orchards ----- farms-- acres on which used--	66 2 278	37 2 501	15 583	4 150 4 150	1 435 1 435	2 367 2 367	1 647 1 647
Weeds, grass, or brush in crops and pasture ----- farms-- acres on which used--	124 4 374	102 4 460	61 3 884	205 12 039	70 9 006	17 5 239	4 2 740
Chemicals for defoliation or for growth control of crops or thinning of fruit ----- farms-- acres on which used--	16 360	10 669	2 (D)	12 1 139	8 1 108	2 (D)	1 (D)

See footnotes at end of table.

Table 51. Summary by Size of Farm: 1987—Con.

(For meaning of abbreviations and symbols, see introductory text)

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
TENURE AND RACE OF OPERATOR						
All operators -----	6 216	1 105	2 125	587	539	566
Full owners -----	4 313	905	1 611	422	345	380
Part owners -----	1 449	71	372	134	156	148
Tenants -----	454	129	142	31	38	38
White -----	6 190	1 103	2 112	582	538	564
Full owners -----	4 294	904	1 602	417	344	378
Part owners -----	1 445	71	369	134	156	148
Tenants -----	451	128	141	31	38	38
Black and other races -----	26	2	13	5	1	2
Full owners -----	19	1	9	5	1	2
Part owners -----	4	-	3	-	-	-
Tenants -----	3	1	1	-	-	-
OWNED AND RENTED LAND						
Lend owned ----- farms-----	5 764	977	1 984	556	501	528
acres-----	505 108	5 831	47 849	29 430	36 656	55 668
Owned lend in farms ----- farms-----	5 762	976	1 983	556	501	528
acres-----	491 079	4 200	44 420	28 588	35 420	54 012
Lend rented or leased from others ----- farms-----	1 922	203	521	166	196	189
acres-----	125 835	900	8 899	5 417	9 211	11 537
Rented or leased lend in farms ----- farms-----	1 903	200	514	165	194	186
acres-----	124 106	711	8 338	5 337	9 045	11 389
Land rented or leased to others ----- farms-----	402	42	116	40	56	47
acres-----	15 758	1 820	3 990	922	1 402	1 804
OPERATOR CHARACTERISTICS						
Operators by place of residence:						
On farm operated -----	4 918	798	1 689	482	444	453
Not on farm operated -----	960	232	332	78	75	74
Not reported -----	338	75	104	27	20	39
Operators by principal occupation:						
Farming -----	3 174	476	905	263	280	322
Other -----	3 042	629	1 220	324	259	244
Operators by days of work off farm:						
None -----	2 371	377	669	201	199	237
Any -----	3 516	674	1 357	356	305	295
1 to 99 days -----	552	104	174	43	45	42
100 to 199 days -----	681	95	259	75	69	44
200 days or more -----	2 283	475	924	238	191	209
Not reported -----	329	54	99	30	35	34
Operators by years on present farm:						
2 years or less -----	249	71	91	21	23	16
3 or 4 years -----	449	135	170	36	20	35
5 to 9 years -----	1 185	247	463	110	94	91
10 years or more -----	3 421	496	1 105	326	327	335
Average years on present farm -----	18.8	14.3	17.0	19.2	20.4	20.9
Not reported -----	932	156	296	94	75	89
Operators by age group:						
Under 25 years -----	50	16	16	7	1	3
25 to 34 years -----	590	138	205	43	56	54
35 to 44 years -----	1 477	298	570	142	91	121
45 to 49 years -----	687	135	228	71	60	69
50 to 54 years -----	642	110	237	57	45	51
55 to 59 years -----	642	111	200	69	69	40
60 to 64 years -----	663	89	212	64	62	62
65 to 69 years -----	595	79	185	56	80	65
70 years and over -----	870	129	272	78	75	101
Average age -----	52.6	49.9	51.8	52.6	54.4	54.1
Operators by sex:						
Male -----	5 415	882	1 800	519	483	526
Female -----	801	223	325	68	56	40
Operators of Spanish origin (see text) -----	24	1	11	4	1	3
FARMS BY TYPE OF ORGANIZATION						
Individual or family (sole proprietorship) ----- farms-----	5 124	920	1 833	499	457	465
acres-----	431 487	4 135	45 470	28 745	37 818	53 746
Partnership ----- farms-----	481	63	126	40	37	48
acres-----	73 006	261	3 225	2 347	2 912	5 517
Corporation:						
Family held ----- farms-----	493	108	136	38	36	41
acres-----	81 497	464	3 293	2 237	2 992	4 761
More than 10 stockholders ----- farms-----	4	-	1	-	-	-
10 or less stockholders ----- farms-----	489	108	135	38	36	41
Other than family held ----- farms-----	51	8	19	5	2	6
acres-----	5 038	31	457	296	(D)	681
More than 10 stockholders ----- farms-----	6	-	-	3	-	-
10 or less stockholders ----- farms-----	45	9	19	2	2	6
Other—cooperative, estate or trust, institutional, etc. ----- farms-----	67	5	11	5	7	6
acres-----	24 157	20	313	300	(D)	696

See footnotes at end of table.

Table 51. Summary by Size of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 899 acres	1,000 to 1,999 acres	2,000 acres or more
TENURE AND RACE OF OPERATOR							
All operators -----	324	264	163	386	126	26	5
Full owners -----	186	158	68	186	52	15	5
Part owners -----	118	92	81	200	69	8	-
Tenants -----	20	14	14	20	5	3	-
White -----	323	263	163	385	126	26	5
Full owners -----	186	157	68	166	52	15	5
Part owners -----	117	92	81	200	69	8	-
Tenants -----	20	14	14	19	5	3	-
Black and other races -----	1	1	-	1	-	-	-
Full owners -----	-	1	-	-	-	-	-
Part owners -----	1	-	-	-	-	-	-
Tenants -----	-	-	-	1	-	-	-
OWNED AND RENTED LAND							
Land owned ----- farms--	304	250	149	366	121	23	5
acres--	41 848	42 752	29 233	102 956	81 707	(D)	(D)
Owned land in farms ----- farms--	304	250	149	366	121	23	5
acres--	40 650	42 133	28 054	102 312	60 822	26 620	23 848
Land rented or leased from others ----- farms--	139	108	95	220	74	11	-
acres--	10 359	10 213	10 796	31 894	19 209	7 400	-
Rented or leased land in farms ----- farms--	138	106	95	220	74	11	-
acres--	9 950	10 164	10 746	31 882	19 144	7 400	-
Land rented or leased to others ----- farms--	32	19	17	20	9	3	1
acres--	1 607	668	1 229	656	950	(D)	(D)
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated -----	269	222	128	312	105	14	2
Not on farm operated -----	33	33	26	51	15	8	3
Not reported -----	22	9	9	23	6	4	-
Operators by principal occupation:							
Farming -----	195	175	125	302	105	22	4
Other -----	129	89	38	84	21	4	1
Operators by days of work off farm:							
None -----	154	112	91	227	82	18	4
Any -----	147	128	66	142	38	7	1
1 to 99 days -----	35	36	18	38	13	4	-
100 to 199 days -----	35	29	22	42	8	2	1
200 days or more -----	77	63	26	62	17	1	-
Not reported -----	23	24	6	17	6	1	-
Operators by years on present farm:							
2 years or less -----	3	5	6	9	3	-	1
3 or 4 years -----	17	5	9	15	4	3	-
5 to 9 years -----	42	32	20	48	12	5	1
10 years or more -----	208	182	102	246	83	9	2
Average years on present farm -----	24.0	25.6	22.8	23.6	25.8	19.4	20.3
Not reported -----	54	40	26	68	24	9	1
Operators by age group:							
Under 25 years -----	-	2	-	3	1	1	-
25 to 34 years -----	26	8	17	33	8	1	1
35 to 44 years -----	70	53	29	70	21	10	2
45 to 49 years -----	29	16	15	42	20	2	-
50 to 54 years -----	33	31	20	35	20	3	-
55 to 59 years -----	32	30	21	50	17	2	1
60 to 64 years -----	42	43	16	61	11	1	-
65 to 69 years -----	37	27	13	35	15	2	1
70 years and over -----	55	54	32	57	13	4	-
Average age -----	54.5	57.4	55.3	54.3	53.2	50.9	47.8
Operators by sex:							
Male -----	290	246	154	362	122	26	5
Female -----	34	18	9	24	4	-	-
Operators of Spanish origin (see text) -----	1	1	1	-	1	-	-
FARMS BY TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) ----- farms--	258	208	125	280	71	8	-
acres--	40 338	41 224	29 779	96 064	44 384	9 784	-
Partnership ----- farms--	34	32	21	54	23	2	1
acres--	5 343	6 329	5 021	19 042	16 556	(D)	(D)
Corporation:							
Family held ----- farms--	26	21	13	38	23	10	3
acres--	3 981	4 154	3 069	14 156	13 809	(D)	(D)
More than 10 stockholders ----- farms--	1	-	-	1	-	1	-
10 or less stockholders ----- farms--	25	21	13	37	23	9	3
Other than family held ----- farms--	2	-	1	6	1	-	-
acres--	(D)	-	(D)	2 195	(D)	-	-
More than 10 stockholders ----- farms--	-	-	-	3	-	-	-
10 or less stockholders ----- farms--	2	-	1	3	1	-	-
Other—cooperative, estate or trust, institutional, etc. ----- farms--	4	3	3	8	8	6	1
acres--	(D)	590	(D)	2 737	(D)	(D)	(D)

See footnotes at end of table.

Table 51. Summary by Size of Farm: 1987—Con.

(For meaning of abbreviations and symbols, see introductory text)

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
F FARMS BY SIZE						
1 to 9 acres	1 105	1 105	-	-	-	-
10 to 49 acres	2 125	-	2 125	-	-	-
50 to 69 acres	587	-	-	587	-	-
70 to 99 acres	539	-	-	-	539	-
100 to 139 acres	566	-	-	-	-	566
140 to 179 acres	324	-	-	-	-	-
180 to 219 acres	264	-	-	-	-	-
220 to 259 acres	163	-	-	-	-	-
260 to 499 acres	386	-	-	-	-	-
500 to 999 acres	126	-	-	-	-	-
1,000 to 1,999 acres	26	-	-	-	-	-
2,000 acres or more	5	-	-	-	-	-
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION						
Cash grains (011)	25	-	8	2	5	3
Field crops, except cash grains (013)	975	17	264	132	125	136
Cotton (0131)	-	-	-	-	-	-
Tobacco (0132)	14	-	5	-	-	3
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	961	17	259	132	125	133
Vegetables and melons (016)	678	126	300	84	67	38
Fruits and tree nuts (017)	956	171	381	91	66	91
Horticultural specialties (018)	630	348	193	28	25	10
General farms, primarily crop (019)	274	8	119	37	27	35
Livestock, except dairy, poultry, and animal specialties (021)	1 233	158	427	133	125	153
Beef cattle, except feedlots (0212)	585	54	164	67	72	92
Dairy farms (024)	556	11	41	16	43	56
Poultry and eggs (025)	134	34	54	13	9	7
Animal specialties (027)	676	223	303	43	43	30
General farms, primarily livestock and animal specialties (029)	79	9	35	8	4	7
L LIVESTOCK						
Cattle and calves inventory	farms.. number..	2 112 83 065	133 1 506	511 5 434	202 2 488	245 4 736
Farms with—						
1 to 9		951	100	380	130	112
10 to 49		657	28	110	63	106
50 to 99		264	3	17	6	24
100 to 199		168	2	2	3	3
200 to 499		66	-	2	-	5
500 or more		5	-	-	-	1
Cows and heifers that had calved	farms.. number..	1 757 46 605	88 763	408 3 119	168 1 353	210 2 798
Beef cows	farms.. number..	1 124 9 692	84 353	331 1 663	136 770	159 1 013
Farms with—						
1 to 9		868	57	302	117	133
10 to 49		229	7	28	19	25
50 to 99		16	-	-	-	1
100 to 199		9	-	-	-	-
200 to 499		1	-	1	-	-
500 or more		-	-	-	-	-
Milk cows	farms.. number..	838 36 913	37 410	124 1 458	45 583	76 1 785
Farms with—						
1 to 4		256	23	84	30	30
5 to 9		38	3	12	1	2
10 to 49		249	9	22	10	32
50 to 99		193	2	3	3	12
100 to 199		86	-	3	1	1
200 to 499		16	-	-	-	1
500 or more		-	-	-	-	-
Heifers and heifer calves	farms.. number..	1 356 26 965	75 549	271 1 291	98 505	156 1 267
Steers, steer calves, bulls, and bull calves	farms.. number..	1 170 9 495	66 194	279 1 024	105 630	135 671
Cattle and calves sold	farms.. number..	1 725 39 668	87 870	342 2 976	135 1 643	205 2 296
\$1,000		11 297	263	983	451	642
Calves	farms.. number..	1 074 20 745	50 360	182 1 678	82 888	122 1 091
\$1,000		1 837	42	371	139	99
Cattle	farms.. number..	1 514 18 923	76 510	277 1 298	101 655	182 1 205
\$1,000		9 461	221	612	312	543
Fattened on grain and concentrates	farms.. number..	352 2 712	20 88	108 338	27 172	40 179
\$1,000		1 588	38	182	79	88

See footnotes at end of table.

Table 51. Summary by Size of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
F FARMS BY SIZE							
1 to 9 acres	-	-	-	-	-	-	-
10 to 49 acres	-	-	-	-	-	-	-
50 to 69 acres	-	-	-	-	-	-	-
70 to 99 acres	-	-	-	-	-	-	-
100 to 139 acres	-	-	-	-	-	-	-
140 to 179 acres	324	264	163	386	126	26	5
180 to 219 acres	-	-	-	-	-	-	-
220 to 259 acres	-	-	163	-	-	-	-
260 to 499 acres	-	-	-	386	-	-	-
500 to 999 acres	-	-	-	-	126	-	-
1,000 to 1,999 acres	-	-	-	-	-	26	-
2,000 acres or more	-	-	-	-	-	-	5
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
Cash grains (011)	1	-	-	1	3	2	-
Field crops, except cash grains (013)	74	83	35	87	19	2	-
Cotton (0131)	-	-	-	-	-	2	1
Tobacco (0132)	2	-	2	2	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.a.c. (0133, 0134, 0139)	72	83	33	85	19	2	1
Vegetables and melons (016)	21	13	10	17	1	1	-
Fruits and tree nuts (017)	39	37	13	47	11	7	2
Horticultural specialties (018)	12	4	4	3	3	-	-
General farms, primarily crop (019)	22	10	8	4	3	1	-
Livestock, except dairy, poultry, and animal specialties (021)	82	53	28	51	19	3	1
Beef cattle, except feedlots (0212)	50	34	13	32	7	-	-
Dairy farms (024)	56	51	53	160	60	9	-
Poultry and eggs (025)	6	2	4	4	1	-	-
Animal specialties (027)	7	7	6	10	4	-	-
General farms, primarily livestock and animal specialties (029)	4	4	2	2	2	1	1
L LIVESTOCK							
Cattle and calves inventory farms number	166	143	95	252	83	14	1
Farms with—	6 367	5 864	7 185	23 181	13 569	(D)	(D)
1 to 9	46	39	13	32	5	1	-
10 to 49	74	59	22	48	10	2	-
50 to 99	28	26	34	78	15	-	-
100 to 199	17	19	21	67	27	3	-
200 to 499	1	-	5	27	25	5	-
500 or more	-	-	-	-	1	3	1
Cows and heifers that had calved farms number	142	119	83	238	77	13	-
Beef cows farms number	3 586	3 537	4 205	13 435	7 605	2 191	-
Farms with—	84	66	29	83	19	7	-
1 to 9	74	74	29	50	10	7	-
10 to 49	29	22	9	28	7	2	-
50 to 99	-	1	2	7	4	1	-
100 to 199	-	2	1	3	3	-	-
200 to 499	-	-	-	-	-	-	-
500 or more	-	-	-	-	-	-	-
Milk cows farms number	75	66	61	185	63	11	-
Farms with—	2 844	2 663	3 675	11 933	6 798	2 100	-
1 to 4	15	15	6	20	1	1	-
5 to 9	5	2	-	2	2	-	-
10 to 49	35	25	20	50	4	-	-
50 to 99	14	19	29	76	23	1	-
100 to 199	6	5	4	36	26	4	-
200 to 499	-	-	2	1	7	5	-
500 or more	-	-	-	-	-	-	-
Heifers and heifer calves farms number	106	97	77	213	74	13	1
Steers, steer calves, bulls, and bull calves farms number	2 223	1 862	2 168	8 059	4 752	(D)	(D)
Farms with—	97	80	51	139	54	11	1
1 to 4	15	15	6	20	1	1	-
5 to 9	5	2	-	2	2	-	-
10 to 49	35	25	20	50	4	-	-
50 to 99	14	19	29	76	23	1	-
100 to 199	6	5	4	36	26	4	-
200 to 499	-	-	2	1	7	5	-
500 or more	-	-	-	-	-	-	-
Cattle and calves sold farms number	153	136	89	247	80	13	1
Farms with—	2 869	3 242	3 552	11 388	5 302	(D)	(D)
\$1,000	819	969	879	3 324	1 306	(D)	(D)
Calves farms number	91	87	69	189	69	10	-
Farms with—	1 554	1 567	1 944	5 756	3 149	995	-
\$1,000	127	122	118	385	226	58	-
Cattle farms number	137	121	80	231	73	13	1
Farms with—	1 315	1 875	1 608	5 632	2 153	(D)	(D)
\$1,000	692	847	761	2 939	1 080	(D)	(D)
Fattened on grain and concentrates farms number	30	27	9	26	6	2	1
Farms with—	166	129	160	722	46	(D)	(D)
\$1,000	100	72	89	495	25	(D)	(D)

See footnotes at end of table.

Table 51. Summary by Size of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
LIVESTOCK—Con.						
Hogs and pigs inventory	farms number	498 25 816	66 2 406	170 7 341	50 3 084	46 779
Farms with—						
1 to 24		388	45	141	41	57
25 to 49		37	11	9	—	2
50 to 99		18	2	3	3	1
100 to 199		23	2	11	2	5
200 to 499		21	6	3	1	4
500 or more		11	—	3	1	—
Used or to be used for breeding	farms number	211 3 189	24 462	69 685	10 211	21 129
Other	farms number	444 22 627	62 1 944	153 6 856	49 2 873	34 650
Hogs and pigs sold	farms number	387 40 048	45 2 135	146 12 281	39 8 025	36 1 061
\$1,000	farms number	4 220	186	1 591	629	127
Feeder pigs	farms number	96 9 091	14 692	37 1 642	6 3 430	6 202
\$1,000	farms number	374	29	53	93	(D) (D)
Litters of pigs farrowed between—						
Dec. 1 of preceding year and Nov. 30	farms number	218 3 837	24 582	70 737	12 377	21 136
Dec. 1 and May 31	farms number	202 1 882	21 281	64 341	11 188	18 78
June 1 and Nov. 30	farms number	165 1 955	21 301	56 396	9 189	16 58
Sheep and lambs of all ages inventory	farms number	604 14 761	71 1 221	237 4 046	78 1 309	53 1 490
Ewes 1 year old or older	farms number	521 9 597	57 612	197 2 615	67 803	49 813
Sheep and lambs sold	farms number	493 11 548	60 723	187 2 727	59 847	43 1 666
Sheep and lambs shorn	farms number	511 13 036	61 1 090	195 3 503	66 1 117	46 1 149
pounds of wool	farms number	95 098	9 203	27 629	7 814	8 083
Horses and ponies inventory	farms number	1 608 11 944	264 1 974	638 4 865	140 892	140 1 038
Horses and ponies sold	farms number	421 1 230	109 272	167 426	36 143	32 82
Goats inventory	farms number	279 2 756	55 1 055	114 895	28 136	20 94
Goats sold	farms number	98 1 187	24 335	36 453	9 113	12 61
POULTRY						
Chickens 3 months old or older inventory	farms number	738 1 502 202	126 148 355	272 223 588	79 118 191	59 125 771
Farms with—						
1 to 399		679	111	253	73	57
400 to 3,199		32	11	9	3	—
3,200 to 9,999		7	—	5	1	—
10,000 to 19,999		4	2	1	—	—
20,000 to 49,999		7	1	3	1	—
50,000 to 99,999		4	1	1	1	—
100,000 or more		5	—	—	—	1
Hens and pullets of laying age	farms number	733 1 251 356	126 136 990	270 191 283	77 44 747	58 92 514
Pullets 3 months old or older not of laying age	farms number	95 250 846	18 11 365	33 32 305	9 73 444	13 33 257
Hens and pullets sold	farms number	192 1 195 566	36 122 312	73 151 076	14 114 300	18 106 942
Broilers and other meat-type chickens sold	farms number	37 (D)	5 212	9 50 733	8 412	7 147
Farms with—						
1 to 1,999		34	5	6	8	7
2,000 to 59,999		3	—	3	—	—
60,000 to 99,999		—	—	—	—	—
100,000 or more		—	—	—	—	—
Turkey hens kept for breeding	farms number	25 2 140	11 78	7 83	1 (D)	1 (D)
Turkeys sold	farms number	86 153 714	12 12 284	41 29 570	10 5 638	9 45 067
See footnotes at end of table.						

Table 51. Summary by Size of Farm: 1987—Con.

(For meaning of abbreviations and symbols, see introductory text.)

Item	140 to 179 acres	180 to 219 acres	220 to 258 acres	260 to 499 acres	500 to 899 acres	1,000 to 1,999 acres	2,000 acres or more
LIVESTOCK—Con.							
Hogs and pigs inventory—farms—number—	23 486	19 349	13 790	27 2 884	11 5 229	4 260	—
Farms with—							
1 to 24—	16	13	8	19	6	2	—
25 to 49—	4	5	3	2	—	1	—
50 to 99—	3	—	1	1	—	—	—
100 to 199—	—	1	—	1	—	—	—
200 to 499—	—	—	—	3	—	1	—
500 or more—	—	—	1	1	5	—	—
Used or to be used for breeding—farms—number—	12 108	8 60	9 126	14 205	6 814	3 27	—
Other—farms—number—	20 378	15 289	10 664	25 2 659	11 4 415	4 233	—
Hogs and pigs sold—farms—number—	18 938	13 862	8 737	23 4 286	9 (D)	2 (D)	—
\$1,000—	87	55	71	432	(D)	(D)	—
Feeder pigs—farms—number—	1 (D)	4 676	4 122	5 154	5 1 830	—	—
\$1,000—	32	5	6	6	135	—	—
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30—farms—number—	14 111	8 87	9 139	14 304	7 932	3 33	—
Dec. 1 and May 31—farms—number—	14 78	7 42	9 82	14 132	7 (D)	3 (D)	—
June 1 and Nov. 30—farms—number—	7 33	4 45	7 77	12 172	6 (D)	2 (D)	—
Sheep and lambs of all ages inventory—farms—number—	18 333	22 480	13 550	27 673	17 1 743	4 698	—
Ewes 1 year old or older—farms—number—	17 (D)	21 (D)	12 (D)	26 (D)	16 (D)	4 489	—
Sheep and lambs sold—farms—number—	16 420	18 254	11 286	26 451	15 2 045	4 403	—
Sheep and lambs shorn—farms—number—	16 359	20 425	13 417	26 611	15 1 890	4 519	—
pounds of wool—	1 742	3 284	3 103	4 736	13 352	2 800	—
Horses and ponies inventory—farms—number—	75 450	49 444	39 825	80 419	28 226	5 31	—
Horses and ponies sold—farms—number—	10 44	13 31	11 71	13 35	7 (D)	1 (D)	—
Goats inventory—farms—number—	9 24	9 107	1 (D)	17 192	2 (D)	—	—
Goats sold—farms—number—	4 22	3 25	—	3 138	—	—	—
POULTRY							
Chickens 3 months old or older inventory—farms—number—	29 147 002	35 110 371	16 71 635	37 139 054	6 412 972	3 297	—
Farms with—							
1 to 399—	25	33	15	30	4	3	—
400 to 3,199—	1	1	—	5	1	—	—
3,200 to 9,999—	1	—	—	—	—	—	—
10,000 to 19,999—	1	—	—	—	—	—	—
20,000 to 49,999—	—	—	—	1	—	—	—
50,000 to 99,999—	—	—	1	—	—	—	—
100,000 or more—	1	1	—	1	1	—	—
Hens and pullets of laying age—farms—number—	29 (D)	35 (D)	18 (D)	37 112 393	6 (D)	3 (D)	—
Pullets 3 months old or older not of laying age—farms—number—	1 (D)	1 (D)	1 (D)	5 28 661	1 (D)	1 (D)	—
Hens and pullets sold—farms—number—	4 55 305	7 72 828	6 70 555	10 79 858	3 (D)	2 (D)	—
Broilers and other meat-type chickens sold—farms—number—	1 (D)	1 (D)	— (D)	1 (D)	— (D)	— (D)	—
Farms with—							
1 to 1,999—	1	1	—	1	—	—	—
2,000 to 59,999—	—	—	—	—	—	—	—
60,000 to 99,999—	—	—	—	—	—	—	—
100,000 or more—	—	—	—	—	—	—	—
Turkey hens kept for breeding—farms—number—	—	—	1 (D)	1 (D)	— (D)	— (D)	—
Turkeys sold—farms—number—	4 (D)	1 (D)	3 20 304	3 175	— —	— —	—

See footnotes at end of table.

Table 51. Summary by Size of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
CROPS HARVESTED						
Corn for silage or green chop	farms	604	8	46	36	64
	acres	28 643	17	433	439	1 112
Irrigated	tons, green	524 819	351	6 596	6 548	18 527
	farms	6	-	-	-	-
	acres	89	-	-	-	-
Farms by acres harvested:						
1 to 24 acres		274	9	42	31	49
25 to 99 acres		250	-	4	5	15
100 to 249 acres		69	-	-	-	-
250 to 499 acres		9	-	-	-	-
500 acres or more		2	-	-	-	-
Irish potatoes	farms	83	8	25	12	10
	acres	2 628	10	180	141	64
Irrigated	cwt	615 427	1 308	28 586	26 415	13 111
	farms	15	1	6	-	3
	acres	150	(D)	7	-	11
Farms by acres harvested:						
0.1 to 4.9 acres		50	8	12	6	6
5.0 to 24.9 acres		23	-	12	4	3
25.0 to 99.9 acres		15	-	1	2	1
100.0 to 249.9 acres		3	-	-	-	-
250.0 acres or more		2	-	-	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	2 874	80	765	308	362
	acres	121 498	324	8 761	6 227	10 045
Irrigated	tons, dry	250 559	575	13 712	9 981	17 245
	farms	24	-	10	3	2
	acres	339	-	49	62	(D)
Farms by acres harvested:						
1 to 24 acres		1 542	80	704	217	185
25 to 99 acres		1 013	-	61	91	176
100 to 249 acres		265	-	-	-	1
250 to 499 acres		48	-	-	-	-
500 acres or more		6	-	-	-	-
Tame hay other than alfalfa, small grain, and wild hay (see text)	farms	1 699	35	376	157	210
	acres	60 650	159	4 044	2 995	5 216
Irrigated	tons, dry	120 497	240	6 245	4 475	8 903
	farms	11	-	2	3	1
	acres	219	-	(D)	62	(D)
Vegetables harvested for sale (see text)	farms	1 008	162	387	117	90
	acres	16 325	491	3 789	2 449	1 969
Irrigated	farms	312	55	111	37	25
	acres	4 750	132	1 073	484	468
Farms by acres harvested:						
0.1 to 4.9 acres		438	120	162	36	27
5.0 to 24.9 acres		386	42	184	42	32
25.0 to 99.9 acres		156	-	41	39	31
100.0 to 249.9 acres		26	-	-	-	12
250.0 acres or more		2	-	-	-	7
Sweet corn harvested for sale	farms	596	66	217	84	59
	acres	8 444	151	1 487	1 406	955
Irrigated	farms	163	21	55	20	14
	acres	2 042	38	321	180	218
Land in orchards	farms	572	73	191	66	56
	acres	9 379	169	1 368	776	790
Irrigated	farms	57	15	20	9	2
	acres	267	32	81	59	(D)
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres		269	65	91	29	20
5.0 to 24.9 acres		201	8	91	25	22
25.0 to 99.9 acres		82	-	9	12	14
100.0 to 249.9 acres		18	-	-	-	12
250.0 acres or more		2	-	-	-	5
Berries harvested for sale	farms	890	157	350	100	69
	acres	13 385	298	2 003	739	687
Irrigated	farms	646	116	258	65	44
	acres	12 499	253	1 762	644	633

See footnotes at end of table.

Table 51. Summary by Size of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
CROPS HARVESTED							
Corn for silage or green chop	farms-- acres-- tons, green--	66 1 716 29 572	58 2 181 36 607	47 2 156 40 117	150 8 953 164 724	59 6 590 131 912	12 (D) (D)
Irrigated	farms-- acres--	- -	- -	2 (D)	4 (D)	- -	- -
Farms by acres harvested:							
1 to 24 acres		38	22	16	28	6	-
25 to 99 acres		27	32	26	92	22	4
100 to 249 acres		1	4	5	30	24	5
250 to 499 acres		-	-	-	-	7	2
500 acres or more		-	-	-	-	1	1
Irish potatoes	farms-- acres-- cwt--	4 140 20 080	8 119 16 499	3 100 23 180	6 698 156 600	2 (D) (D)	1 (D) (D)
Irrigated	farms-- acres--	1 (D)	1 (D)	2 (D)	1 (D)	- -	- -
Farms by acres harvested:							
0.1 to 4.9 acres		1	7	-	2	1	-
5.0 to 24.9 acres		-	-	2	-	-	-
25.0 to 99.9 acres		3	2	1	1	1	-
100.0 to 249.9 acres		-	-	-	3	-	-
250.0 acres or more		-	-	-	-	1	1
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms-- acres-- tons, dry--	214 9 098 18 027	203 10 867 21 291	128 9 801 21 323	310 30 544 67 168	106 16 566 40 953	16 (D) (D)
Irrigated	farms-- acres--	2 (D)	1 (D)	1 (D)	4 132	- -	- -
Farms by acres harvested:							
1 to 24 acres		70	50	22	48	10	1
25 to 99 acres		122	123	66	136	27	3
100 to 249 acres		22	30	39	105	45	6
250 to 499 acres		-	-	1	19	23	5
500 acres or more		-	-	-	2	1	1
Tame hay other than alfalfa, small grain, and wild hay (see text)	farms-- acres-- tons, dry--	146 5 290 10 190	140 5 984 11 300	91 5 460 11 870	230 15 959 36 225	66 6 745 15 448	10 (D) (D)
Irrigated	farms-- acres--	1 (D)	1 (D)	- -	3 122	- -	- -
Vegetables harvested for sale (see text)	farms-- acres--	55 1 650	34 1 019	23 986	47 1 608	11 428	4 (D)
Irrigated	farms-- acres--	20 582	12 347	13 377	12 710	4 (D)	1 (D)
Farms by acres harvested:							
0.1 to 4.9 acres		20	15	5	13	5	2
5.0 to 24.9 acres		18	10	6	22	4	1
25.0 to 99.9 acres		11	5	9	5	1	1
100.0 to 249.9 acres		6	4	3	6	-	-
250.0 acres or more		-	-	-	1	1	-
Sweet corn harvested for sale	farms-- acres--	34 929	23 745	16 674	36 1 078	7 228	3 (D)
Irrigated	farms-- acres--	15 185	6 291	7 232	11 (D)	1 (D)	- -
Land in orchards	farms-- acres--	35 1 020	34 1 411	19 510	25 1 369	7 330	5 286
Irrigated	farms-- acres--	2 (D)	3 20	1 (D)	2 (D)	- -	- -
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres		10	9	7	10	5	3
5.0 to 24.9 acres		12	7	7	5	-	-
25.0 to 99.9 acres		11	14	3	6	-	1
100.0 to 249.9 acres		2	4	2	2	2	1
250.0 acres or more		-	-	-	2	-	-
Berries harvested for sale	farms-- acres--	35 620	26 636	15 178	46 2 460	12 1 344	7 (D)
Irrigated	farms-- acres--	27 601	23 508	10 119	40 2 414	9 1 217	6 (D)

¹Data are based on a sample of farms.²Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than \$1,000.

Table 52. Summary by Value of Agricultural Products Sold: 1987

(For meaning of abbreviations and symbols, see introductory text)

Item	All farms	\$500,000 or more		\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999	\$40,000 to \$49,999
		\$1,000,000 or more	Total				
F FARMS AND LAND IN FARMS							
Farms	6 218	44	97	148	475	515	138
number	100.0	.7	1.6	2.4	7.6	8.3	2.2
Land in farms	615 185	28 190	54 990	42 888	94 378	75 787	15 092
acres	99	641	587	290	199	147	109
Average size of farm							
M MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text)	farms	6 216	44	97	148	475	515
\$1,000	\$1,000	340 464	105 504	140 462	50 202	73 705	36 162
Average per farm	dollars	64 772	2 397 809	1 448 064	339 205	155 168	71 450
Farms by value of sales:							
Less than \$1,000 (see text)		1 133	-	-	-	-	-
\$1,000 to \$2,499		1 034	-	-	-	-	-
\$2,500 to \$4,999		830	-	-	-	-	-
\$5,000 to \$9,999		720	-	-	-	-	-
\$10,000 to \$19,999		591	-	-	-	-	-
\$20,000 to \$24,999		179	-	-	-	-	-
\$25,000 to \$39,999		356	-	-	-	-	-
\$40,000 to \$49,999		138	-	-	-	-	138
\$50,000 to \$99,999		515	-	-	-	515	-
\$100,000 to \$249,999		475	-	-	475	-	-
\$250,000 to \$499,999		148	-	-	148	-	-
\$500,000 to \$999,999		53	-	53	-	-	-
\$1,000,000 or more		44	44	44	-	-	-
Grains	farms	78	1	5	6	5	5
\$1,000	\$1,000	785	(D)	140	86	181	31
Sales of \$50,000 or more	farms	5	-	1	-	2	-
\$1,000	\$1,000	332	-	(D)	-	(D)	-
Com for grain	farms	87	1	4	5	5	5
\$1,000	\$1,000	729	(D)	(D)	(D)	(D)	(D)
Wheat	farms	3	-	-	-	1	1
\$1,000	\$1,000	(D)	-	-	-	(D)	-
Soybeans	farms	-	-	-	-	-	-
\$1,000	\$1,000	-	-	-	-	-	-
Sorghum for grain	farms	-	-	-	-	-	-
\$1,000	\$1,000	-	-	-	-	-	-
Barley	farms	-	-	-	-	-	-
\$1,000	\$1,000	-	-	-	-	-	-
Oats	farms	5	-	-	-	1	1
\$1,000	\$1,000	(D)	-	-	-	(D)	(D)
Other grains	farms	7	-	1	1	2	-
\$1,000	\$1,000	39	-	(D)	(D)	-	(D)
Cotton and cottonseed	farms	-	-	-	-	-	-
\$1,000	\$1,000	-	-	-	-	-	-
Sales of \$50,000 or more	farms	-	-	-	-	-	-
\$1,000	\$1,000	-	-	-	-	-	-
Tobacco	farms	21	2	4	3	6	2
\$1,000	\$1,000	4 587	(D)	2 757	(D)	(D)	(D)
Sales of \$50,000 or more	farms	11	2	4	2	5	-
\$1,000	\$1,000	4 355	(D)	2 757	(D)	(D)	-
Hay, silage, and field seeds	farms	1 569	4	8	21	66	84
\$1,000	\$1,000	7 803	28	268	289	760	1 203
Sales of \$50,000 or more	farms	18	-	2	2	4	10
\$1,000	\$1,000	1 250	-	(D)	(D)	289	608
Vegetables, sweet corn, and melons	farms	1 007	2	11	21	105	124
\$1,000	\$1,000	25 179	(D)	1 881	3 087	7 724	5 117
Sales of \$50,000 or more	farms	138	1	6	12	58	62
\$1,000	\$1,000	15 827	(D)	1 752	2 935	6 942	3 998
Fruits, nuts, and berries	farms	1 186	13	33	45	152	155
\$1,000	\$1,000	92 349	32 757	45 020	12 384	18 877	8 344
Sales of \$50,000 or more	farms	305	13	31	39	124	111
\$1,000	\$1,000	83 747	32 757	(D)	(D)	18 485	7 983
Nursery and greenhouse crops	farms	824	18	39	30	116	100
\$1,000	\$1,000	60 867	37 428	48 144	8 864	12 781	4 972
Sales of \$50,000 or more	farms	212	19	38	27	81	66
\$1,000	\$1,000	73 509	37 428	(D)	(D)	12 132	4 412
Other crops	farms	114	1	4	3	14	17
\$1,000	\$1,000	4 285	(D)	2 548	521	318	456
Sales of \$50,000 or more	farms	12	1	3	2	5	-
\$1,000	\$1,000	3 520	(D)	(D)	(D)	(D)	333
Poultry and poultry products	farms	498	8	10	14	19	38
\$1,000	\$1,000	23 149	14 933	15 936	4 090	986	1 205
Sales of \$50,000 or more	farms	44	8	10	13	8	15
\$1,000	\$1,000	22 018	14 933	15 936	(D)	(D)	1 048
Dairy products	farms	809	-	11	57	196	178
\$1,000	\$1,000	83 309	-	5 302	16 455	26 863	11 513
Sales of \$50,000 or more	farms	409	-	11	57	194	147
\$1,000	\$1,000	58 869	-	5 302	16 455	(D)	(D)
Cattle and calves	farms	1 725	1	14	57	206	216
\$1,000	\$1,000	11 297	(D)	815	1 620	3 207	2 141
Sales of \$50,000 or more	farms	25	-	4	6	5	10
\$1,000	\$1,000	2 563	-	574	482	846	662

See footnotes at end of table.

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$39,999	\$20,000 to \$24,999	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500
F FARMS AND LAND IN FARMS						
Farms -----	356	179	591	720	830	2 167
number-----	356	179	591	720	830	2 167
percent-----	5.7	2.9	9.5	11.6	13.4	34.9
Land in farms -----	31 366	15 471	51 926	52 531	59 847	120 909
acres-----	31 366	15 471	51 926	52 531	59 847	120 909
Average size of farm-----	88	86	88	73	72	56
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD						
Total sales (see text) -----	356	179	591	720	830	2 167
farms-----	356	179	591	720	830	2 167
\$1,000-----	11 233	3 841	8 193	4 981	2 911	1 896
Average per farm -----	31 554	22 019	13 863	6 891	3 507	875
Farms by value of sales:						
Less than \$1,000 (see text)-----	-	-	-	-	-	1 133
\$1,000 to \$2,499-----	-	-	-	-	-	1 034
\$2,500 to \$4,999-----	-	-	-	-	830	-
\$5,000 to \$9,999-----	-	-	-	720	-	-
\$10,000 to \$19,999-----	-	-	591	-	-	-
\$20,000 to \$24,999-----	-	179	-	-	-	-
\$25,000 to \$39,999-----	356	-	-	-	-	-
\$40,000 to \$49,999-----	-	-	-	-	-	-
\$50,000 to \$99,999-----	-	-	-	-	-	-
\$100,000 to \$249,999-----	-	-	-	-	-	-
\$250,000 to \$499,999-----	-	-	-	-	-	-
\$500,000 to \$999,999-----	-	-	-	-	-	-
\$1,000,000 or more-----	-	-	-	-	-	-
Grains -----	7	3	14	12	7	7
farms-----	7	3	14	12	7	7
\$1,000-----	(D)	21	(D)	35	13	5
Sales of \$50,000 or more -----	farms-----	-	-	-	-	-
\$1,000-----	-	-	-	-	-	-
Corn for grain -----	6	2	14	11	6	4
farms-----	6	2	14	11	6	4
\$1,000-----	28	(D)	(D)	(D)	(D)	2
Wheat -----	-	-	-	1	-	-
farms-----	-	-	-	1	-	-
\$1,000-----	-	-	-	(D)	-	-
Soybeans -----	-	-	-	-	-	-
farms-----	-	-	-	-	-	-
\$1,000-----	-	-	-	-	-	-
Sorghum for grain -----	-	-	-	-	-	-
farms-----	-	-	-	-	-	-
\$1,000-----	-	-	-	-	-	-
Barley -----	-	-	-	-	-	-
farms-----	-	-	-	-	-	-
\$1,000-----	-	-	-	-	-	-
Oats -----	-	-	-	-	1	2
farms-----	-	-	-	-	1	2
\$1,000-----	-	-	-	-	(D)	(D)
Other grains -----	-	1	1	-	-	1
farms-----	-	1	1	-	-	1
\$1,000-----	(D)	(D)	-	-	-	(D)
Cotton and cottonseed -----	-	-	-	-	-	-
farms-----	-	-	-	-	-	-
\$1,000-----	-	-	-	-	-	-
Sales of \$50,000 or more -----	farms-----	-	-	-	-	-
\$1,000-----	-	-	-	-	-	-
Tobacco -----	-	-	4	-	-	-
farms-----	-	-	4	-	-	-
\$1,000-----	-	-	(D)	-	-	-
Sales of \$50,000 or more -----	farms-----	-	-	-	-	-
\$1,000-----	-	-	-	-	-	-
Hay, silage, and field seeds -----	74	46	162	263	312	503
farms-----	74	46	162	263	312	503
\$1,000-----	903	475	1 162	1 009	788	483
Sales of \$50,000 or more -----	farms-----	-	-	-	-	-
\$1,000-----	-	-	-	-	-	-
Vegetables, sweet corn, and melons -----	105	52	164	165	112	108
farms-----	105	52	164	165	112	108
\$1,000-----	2 331	841	1 696	868	304	105
Sales of \$50,000 or more -----	farms-----	-	-	-	-	-
\$1,000-----	-	-	-	-	-	-
Fruits, nuts, and berries -----	103	35	159	151	139	166
farms-----	103	35	159	151	139	166
\$1,000-----	2 255	717	1 770	781	372	175
Sales of \$50,000 or more -----	farms-----	-	-	-	-	-
\$1,000-----	-	-	-	-	-	-
Nursery and greenhouse crops -----	93	28	127	104	76	83
farms-----	93	28	127	104	76	83
\$1,000-----	2 378	510	1 374	554	218	107
Sales of \$50,000 or more -----	farms-----	-	-	-	-	-
\$1,000-----	-	-	-	-	-	-
Other crops -----	11	9	16	11	12	10
farms-----	11	9	16	11	12	10
\$1,000-----	186	60	56	33	22	11
Sales of \$50,000 or more -----	farms-----	-	-	-	-	-
\$1,000-----	-	-	-	-	-	-
Poultry and poultry products -----	24	22	56	59	82	163
farms-----	24	22	56	59	82	163
\$1,000-----	239	215	204	85	64	51
Sales of \$50,000 or more -----	farms-----	-	-	-	-	-
\$1,000-----	-	-	-	-	-	-
Dairy products -----	58	16	27	15	8	13
farms-----	58	16	27	15	8	13
\$1,000-----	1 548	253	267	63	10	6
Sales of \$50,000 or more -----	farms-----	-	-	-	-	-
\$1,000-----	-	-	-	-	-	-
Cattle and calves -----	83	40	140	205	254	462
farms-----	83	40	140	205	254	462
\$1,000-----	587	290	673	663	574	469
Sales of \$50,000 or more -----	farms-----	-	-	-	-	-
\$1,000-----	-	-	-	-	-	-

See footnotes at end of table.

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$500,000 or more		\$250,000 to \$489,999	\$100,000 to \$249,999	\$50,000 to \$99,999	\$40,000 to \$49,999
		\$1,000,000 or more	Total				
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.							
Total sales (see text)—Con.							
Hogs and pigs	farms—	387	1	4	7	12	23
\$1,000—	4 220	(D)	924	999	465	536	107
Sales of \$50,000 or more	farms—	15	2	3	4	6	—
\$1,000—	2 705	—	(D)	(D)	453	394	—
Sheep, lambs, and wool	farms—	563	—	—	2	11	20
\$1,000—	884	—	—	(D)	(D)	(D)	4
Sales of \$50,000 or more	farms—	1	—	—	1	—	—
\$1,000—	(D)	—	—	(D)	—	—	—
Other livestock and livestock products (see text)	farms—	722	3	5	4	17	32
\$1,000—	21 749	16 326	16 727	725	766	1 045	13
Sales of \$50,000 or more	farms—	25	2	3	3	5	14
\$1,000—	19 082	(D)	(D)	(D)	705	927	—
FARM PRODUCTION EXPENSES¹							
Total farm production expenses	farms—	6 216	44	97	148	426	525
\$1,000—	251 496	72 244	97 718	36 181	44 019	25 952	145
Average per farm	dollars—	40 460	1 641 812	1 007 407	244 467	103 330	5 436
Livestock and poultry purchased	farms—	1 559	10	20	47	116	145
\$1,000—	11 441	3 610	4 273	1 603	1 986	944	262
Farms with expenses of—							
\$1 to \$4,999		1 238	—	1	8	43	86
\$5,000 to \$24,999		242	—	3	13	54	58
\$25,000 to \$99,999		64	2	6	23	17	12
\$100,000 or more		15	8	10	3	2	—
Feed for livestock and poultry	farms—	2 893	10	25	74	191	221
\$1,000—	33 525	8 181	10 327	6 782	7 508	3 362	38
Farms with expenses of—							
\$1 to \$4,999		2 130	—	1	—	5	36
\$5,000 to \$24,999		448	—	—	3	38	142
\$25,000 to \$99,999		271	—	4	49	147	43
\$100,000 or more		44	10	20	22	1	—
Commercially mixed formula feeds	farms—	1 552	10	25	73	188	197
\$1,000—	26 256	8 106	9 826	5 754	6 175	2 640	22
Farms with expenses of—							
\$1 to \$4,999		992	—	1	—	7	33
\$5,000 to \$24,999		322	—	2	4	59	140
\$25,000 to \$79,999		192	1	4	42	121	24
\$80,000 or more		46	9	18	27	1	—
Seeds, bulbs, plants, and trees	farms—	2 429	20	55	91	298	332
\$1,000—	6 227	1 557	2 833	706	1 066	725	100
Farms with expenses of—							
\$1 to \$999		1 651	—	4	10	96	113
\$1,000 to \$4,999		618	2	12	52	153	43
\$5,000 to \$24,999		121	3	16	23	40	26
\$25,000 or more		39	15	23	6	9	1
Commercial fertilizer	farms—	3 858	33	80	124	400	425
\$1,000—	8 953	1 489	2 345	1 288	2 048	1 208	112
Farms with expenses of—							
\$1 to \$4,999		3 420	7	17	43	237	339
\$5,000 to \$24,999		398	11	36	72	159	86
\$25,000 to \$49,999		28	7	17	8	3	—
\$50,000 or more		12	8	10	1	1	—
Agricultural chemicals	farms—	3 027	33	82	121	391	442
\$1,000—	7 319	1 640	2 539	1 034	1 593	1 011	113
Farms with expenses of—							
\$1 to \$4,999		2 719	7	24	63	278	390
\$5,000 to \$24,999		264	7	25	49	111	52
\$25,000 to \$49,999		29	10	18	9	2	—
\$50,000 or more		15	9	15	—	—	—
Petroleum products	farms—	5 859	44	97	145	422	517
\$1,000—	12 042	2 519	3 493	1 413	2 076	1 658	145
Farms with expenses of—							
\$1 to \$4,999		5 438	3	10	48	296	437
\$5,000 to \$24,999		369	15	49	86	123	80
\$25,000 to \$49,999		32	9	19	10	3	—
\$50,000 or more		20	17	19	1	—	—
Gasoline and gasohol	farms—	5 243	40	90	136	401	451
\$1,000—	5 325	732	1 081	557	860	732	133
Diesel fuel	farms—	2 743	36	76	103	329	316
\$1,000—	2 585	367	649	354	620	289	77
Natural gas	farms—	175	12	21	21	30	21
\$1,000—	841	351	501	95	113	50	62
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms—	3 773	44	95	141	419	494
\$1,000—	3 291	1 070	1 263	408	483	587	129

See footnotes at end of table.

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

[For meaning of abbreviations and symbols, see Introductory text]

Item	\$25,000 to \$39,998	\$20,000 to \$24,998	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.						
Total sales (see text)—Con.						
Hogs and pigs						
farms—	18	17	54	65	58	121
\$1,000—	183	228	377	223	85	92
Sales of \$50,000 or more						
farms—	—	—	—	—	—	—
\$1,000—	—	—	—	—	—	—
Sheep, lambs, and wool						
farms—	11	8	45	75	108	278
\$1,000—	(D)	81	104	186	127	154
Sales of \$50,000 or more						
farms—	—	—	—	—	—	—
\$1,000—	—	—	—	—	—	—
Other livestock and livestock products (see text)						
farms—	31	18	56	116	154	276
\$1,000—	583	269	391	483	333	241
Sales of \$50,000 or more						
farms—	—	—	—	—	—	—
\$1,000—	—	—	—	—	—	—
FARM PRODUCTION EXPENSES*						
Total farm production expenses						
farms—	392	171	586	753	797	2 176
\$1,000—	7 797	2 292	7 214	5 550	5 360	13 977
Average per farm						
dollars—	19 890	13 401	12 310	7 370	6 725	6 423
Livestock and poultry purchased						
farms—	69	18	174	175	168	598
\$1,000—	328	51	617	392	230	754
Farms with expenses of—						
\$1 to \$4,999	60	15	133	147	160	571
\$5,000 to \$24,999	8	4	40	27	8	15
\$25,000 to \$99,999	1	—	1	1	—	12
\$100,000 or more	—	—	—	—	—	—
Feed for livestock and poultry						
farms—	114	45	222	285	372	1 306
\$1,000—	723	111	638	528	446	2 800
Farms with expenses of—						
\$1 to \$4,999	48	41	158	271	362	1 189
\$5,000 to \$24,999	65	4	64	13	10	90
\$25,000 to \$99,999	1	—	—	—	—	27
\$100,000 or more	—	—	—	1	—	—
Commercially mixed formula feeds						
farms—	110	25	116	95	169	532
\$1,000—	554	80	203	79	174	452
Farms with expenses of—						
\$1 to \$4,999	50	22	100	93	164	518
\$5,000 to \$24,999	59	3	16	2	5	14
\$25,000 to \$79,999	1	—	—	—	—	—
\$80,000 or more	—	—	—	—	—	—
Seeds, bulbs, plants, and trees						
farms—	231	109	259	304	215	435
\$1,000—	253	82	155	97	42	89
Farms with expenses of—						
\$1 to \$999	153	89	200	285	215	435
\$1,000 to \$4,999	69	20	58	19	—	—
\$5,000 to \$24,999	9	—	1	—	—	—
\$25,000 or more	—	—	—	—	—	—
Commercial fertilizer						
farms—	323	151	432	512	407	892
\$1,000—	495	172	331	321	199	268
Farms with expenses of—						
\$1 to \$4,999	319	149	429	498	407	892
\$5,000 to \$24,999	4	2	3	14	—	—
\$25,000 to \$49,999	—	—	—	—	—	—
\$50,000 or more	—	—	—	—	—	—
Agricultural chemicals						
farms—	250	134	365	358	242	529
\$1,000—	217	101	230	158	60	111
Farms with expenses of—						
\$1 to \$4,999	250	133	364	351	242	529
\$5,000 to \$24,999	—	1	1	7	—	—
\$25,000 to \$49,999	—	—	—	—	—	—
\$50,000 or more	—	—	—	—	—	—
Petroleum products						
farms—	388	168	549	726	775	1 929
\$1,000—	646	218	508	472	458	707
Farms with expenses of—						
\$1 to \$4,999	381	168	548	726	775	1 927
\$5,000 to \$24,999	5	—	1	—	—	2
\$25,000 to \$49,999	—	—	—	—	—	—
\$50,000 or more	—	—	—	—	—	—
Gasoline and gasohol						
farms—	352	148	511	580	642	1 799
\$1,000—	368	113	338	280	472	472
Diesel fuel						
farms—	228	107	219	363	347	578
\$1,000—	115	48	94	113	109	132
Natural gas						
farms—	9	1	2	9	12	42
\$1,000—	29	(D)	(D)	4	5	7
LP gas, fuel oil, kerosene, motor oil, grease, etc.						
farms—	318	140	353	437	345	902
\$1,000—	134	(D)	(D)	75	62	96

See footnotes at end of table.

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$500,000 or more		\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999	\$40,000 to \$49,999
		\$1,000,000 or more	Total				
FARM PRODUCTION EXPENSES¹ —Con.							
Total farm production expenses—Con.							
Electricity ----- farms-- \$1,000--	4 286 5 959	42 1 479	95 1 918	145 775	405 1 234	486 869	111 105
Farms with expenses of—							
\$1 to \$999 -----	3 151	2	6	12	57	190	65
\$1,000 to \$4,999 -----	895	6	23	70	269	264	46
\$5,000 to \$24,999 -----	225	20	51	63	79	32	-
\$25,000 or more -----	15	14	15	-	-	-	-
Hired farm labor ----- farms-- \$1,000--	2 185 66 579	44 28 775	96 37 315	140 9 335	378 10 198	346 5 348	113 1 177
Farms with expenses of—							
\$1 to \$4,999 -----	1 095	-	-	1	24	95	33
\$5,000 to \$24,999 -----	617	1	8	22	196	178	65
\$25,000 to \$99,999 -----	362	3	16	84	153	73	15
\$100,000 or more -----	111	40	72	33	5	-	-
Contract labor ----- farms-- \$1,000--	1 025 7 906	20 1 588	42 2 909	59 1 665	150 1 384	173 897	26 104
Farms with expenses of—							
\$1 to \$999 -----	408	-	1	9	9	29	1
\$1,000 to \$4,999 -----	332	3	8	14	51	68	16
\$5,000 to \$24,999 -----	231	6	11	15	81	74	9
\$25,000 or more -----	54	11	22	21	9	2	-
Repair and maintenance ----- farms-- \$1,000--	5 222 16 873	44 2 488	94 3 747	141 2 071	407 3 000	495 2 347	134 424
Farms with expenses of—							
\$1 to \$4,999 -----	4 353	4	9	20	168	295	102
\$5,000 to \$24,999 -----	785	10	40	100	232	197	32
\$25,000 to \$49,999 -----	55	14	20	17	7	3	-
\$50,000 or more -----	29	16	25	4	-	-	-
Customwork, machine hire, and rental of machinery and equipment ----- farms-- \$1,000--	1 276 3 570	21 1 159	42 1 497	63 541	179 639	139 311	25 47
Farms with expenses of—							
\$1 to \$999 -----	781	2	3	5	48	61	3
\$1,000 to \$4,999 -----	362	3	7	32	86	56	22
\$5,000 to \$24,999 -----	115	9	21	21	43	22	-
\$25,000 or more -----	18	7	11	5	2	-	-
Interest expense ----- farms-- \$1,000--	1 981 13 788	33 2 989	79 4 674	117 2 004	265 2 146	301 1 620	72 455
Farms with expenses of—							
\$1 to \$4,999 -----	1 395	4	11	32	134	205	18
\$5,000 to \$24,999 -----	485	6	20	57	114	90	54
\$25,000 to \$99,999 -----	88	13	35	28	17	6	-
\$100,000 or more -----	13	10	13	-	-	-	-
Secured by real estate ----- farms-- \$1,000--	1 410 10 563	25 2 166	58 3 354	95 1 534	196 1 661	218 1 376	57 342
Farms with expenses of—							
\$1 to \$999 -----	281	1	1	6	27	41	10
\$1,000 to \$4,999 -----	659	2	5	26	65	90	11
\$5,000 to \$24,999 -----	391	5	13	42	91	83	36
\$25,000 or more -----	79	17	39	21	13	4	-
Not secured by real estate ----- farms-- \$1,000--	950 3 225	20 823	50 1 320	60 470	116 484	142 244	40 113
Farms with expenses of—							
\$1 to \$999 -----	440	1	1	8	19	75	10
\$1,000 to \$4,999 -----	375	1	6	22	62	55	20
\$5,000 to \$24,999 -----	112	7	26	26	33	12	10
\$25,000 or more -----	23	11	17	4	2	-	-
Cash rent ----- farms-- \$1,000--	1 092 3 848	14 441	38 868	78 753	201 805	184 655	59 157
Farms with expenses of—							
\$1 to \$4,999 -----	918	3	11	41	151	145	49
\$5,000 to \$9,999 -----	86	2	5	11	34	18	10
\$10,000 to \$24,999 -----	65	3	9	21	14	21	-
\$25,000 or more -----	23	6	13	5	2	-	-
Property taxes ----- farms-- \$1,000--	5 817 15 219	40 1 708	84 2 219	139 1 061	409 1 911	477 1 470	140 362
Farms with expenses of—							
\$1 to \$4,999 -----	5 240	8	19	57	256	413	119
\$5,000 to \$9,999 -----	397	2	17	54	114	50	21
\$10,000 to \$24,999 -----	150	12	26	24	38	12	-
\$25,000 or more -----	30	18	22	4	1	2	-
All other farm production expenses ----- farms-- \$1,000--	5 700 38 248	44 12 619	97 16 762	148 5 150	426 6 426	525 3 526	145 931
Farms with expenses of—							
\$1 to \$4,999 -----	4 694	1	1	19	121	273	81
\$5,000 to \$24,999 -----	744	6	18	56	214	242	64
\$25,000 to \$49,999 -----	143	3	15	34	74	10	-
\$50,000 or more -----	119	34	63	39	17	-	-

See footnotes at end of table.

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

(For meaning of abbreviations and symbols, see introductory text)

Item	\$25,000 to \$39,999	\$20,000 to \$24,999	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500
FARM PRODUCTION EXPENSES¹						
—Con.						
Total farm production expenses—Con.						
Electricity—farms—\$1,000—	336 272	126 63	356 164	511 150	458 99	1 257 311
Farms with expenses of—						
\$1 to \$999—	254	118	300	498	454	1 197
\$1,000 to \$4,999—	82	8	56	13	4	60
\$5,000 to \$24,999—	—	—	—	—	—	—
\$25,000 or more—	—	—	—	—	—	—
Hired farm labor—farms—\$1,000—	171 1 220	64 238	210 687	175 174	176 411	316 477
Farms with expenses of—						
\$1 to \$4,999—	95	46	165	168	162	306
\$5,000 to \$24,999—	66	18	45	7	3	9
\$25,000 to \$99,999—	10	—	—	—	11	—
\$100,000 or more—	—	—	—	—	—	1
Contract labor—farms—\$1,000—	69 206	16 63	132 170	73 77	87 61	198 372
Farms with expenses of—						
\$1 to \$999—	33	1	74	41	65	145
\$1,000 to \$4,999—	17	11	58	32	22	35
\$5,000 to \$24,999—	19	4	—	—	—	18
\$25,000 or more—	—	—	—	—	—	—
Repair and maintenance—farms—\$1,000—	356 667	148 371	487 1 084	578 763	647 639	1 735 1 759
Farms with expenses of—						
\$1 to \$4,999—	335	128	447	548	633	1 668
\$5,000 to \$24,999—	21	20	34	28	14	67
\$25,000 to \$49,999—	—	—	6	2	—	—
\$50,000 or more—	—	—	—	—	—	—
Customwork, machine hire, and rental of machinery and equipment—farms—\$1,000—	58 74	34 32	154 140	146 72	132 78	304 138
Farms with expenses of—						
\$1 to \$999—	31	23	121	120	107	259
\$1,000 to \$4,999—	25	11	27	26	25	45
\$5,000 to \$24,999—	2	—	6	—	—	—
\$25,000 or more—	—	—	—	—	—	—
Interest expense—farms—\$1,000—	163 603	41 104	168 424	116 183	185 408	474 1 168
Farms with expenses of—						
\$1 to \$4,999—	127	30	141	115	156	426
\$5,000 to \$24,999—	34	11	27	1	29	48
\$25,000 to \$99,999—	2	—	—	—	—	—
\$100,000 or more—	—	—	—	—	—	—
Secured by real estate—farms—\$1,000—	134 503	24 90	120 279	89 166	71 281	348 976
Farms with expenses of—						
\$1 to \$999—	34	—	25	31	19	87
\$1,000 to \$4,999—	66	14	77	57	23	225
\$5,000 to \$24,999—	32	10	18	1	29	36
\$25,000 or more—	2	—	—	—	—	—
Not secured by real estate—farms—\$1,000—	54 99	19 14	79 145	35 17	116 127	239 192
Farms with expenses of—						
\$1 to \$999—	27	17	16	33	68	166
\$1,000 to \$4,999—	23	2	62	2	48	73
\$5,000 to \$24,999—	4	—	1	—	—	—
\$25,000 or more—	—	—	—	—	—	—
Cash rent—farms—\$1,000—	86 69	23 12	78 82	110 66	99 236	136 146
Farms with expenses of—						
\$1 to \$4,999—	84	23	78	110	96	130
\$5,000 to \$9,999—	2	—	—	—	—	6
\$10,000 to \$24,999—	—	—	—	—	—	—
\$25,000 or more—	—	—	—	—	3	—
Property taxes—farms—\$1,000—	365 864	162 365	528 1 064	709 1 385	744 1 309	2 060 3 208
Farms with expenses of—						
\$1 to \$4,999—	332	154	499	682	722	1 987
\$5,000 to \$9,999—	23	8	28	15	21	46
\$10,000 to \$24,999—	10	—	1	11	1	27
\$25,000 or more—	—	—	—	1	—	—
All other farm production expenses—farms—\$1,000—	391 1 161	171 309	586 918	709 712	685 684	1 817 1 669
Farms with expenses of—						
\$1 to \$4,999—	319	157	561	701	685	1 776
\$5,000 to \$24,999—	72	14	25	8	—	31
\$25,000 to \$49,999—	—	—	—	—	—	10
\$50,000 or more—	—	—	—	—	—	—

See footnotes at end of table.

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$500,000 or more		\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999	\$40,000 to \$49,999
		\$1,000,000 or more	Total				
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT¹							
All farms	number \$1,000-- Average per farm dollars--	6 216 84 172 13 541	44 33 259 755 897	97 42 744 440 657	148 14 021 94 738	426 22 089 51 851	525 11 925 22 714
Farms with net gains ²	number dollars--	3 017 35 387	44 755 897	93 460 878	137 104 639	400 57 964	447 29 278
Gain of—							
Less than \$1,000		374	—	—	1	—	3
\$1,000 to \$9,999		1 131	—	—	4	30	49
\$10,000 to \$49,999		1 077	2	10	30	166	349
\$50,000 or more		435	42	83	102	204	46
Farms with net losses	number dollars--	3 199 7 062	— —	4 29 472	11 28 575	26 42 195	78 14 904
Loss of—							
Less than \$1,000		463	—	—	—	1	3
\$1,000 to \$9,999		2 195	—	—	2	8	25
\$10,000 to \$49,999		490	—	3	8	12	47
\$50,000 or more		51	—	1	1	5	3
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME							
Government payments	farms \$1,000--	400 2 213	— —	9 77	28 873	68 412	65 480
Other farm-related income ¹	farms \$1,000--	1 361 5 802	8 254	13 339	37 246	92 682	103 870
Customwork and other agricultural services	farms \$1,000--	449 2 163	1 (D)	3 50	8 55	19 127	44 492
Gross cash rent or share payments	farms \$1,000--	300 477	1 (D)	1 (D)	6 (D)	8 5	17 14
Forest products and Christmas trees	farms \$1,000--	570 1 780	4 84	7 (D)	12 (D)	33 378	21 154
Other farm-related income sources	farms \$1,000--	368 1 382	2 (D)	3 179	20 96	58 172	47 210
COMMODITY CREDIT CORPORATION LOANS							
Total	farms \$1,000--	8 159	— —	1 (D)	— —	2 (D)	2 (D)
Corn	farms \$1,000--	5 (D)	— —	1 (D)	— —	2 (D)	1 (D)
Wheat	farms \$1,000--	— —	— —	— —	— —	— —	— —
Soybeans	farms \$1,000--	— —	— —	— —	— —	— —	— —
Sorghum, barley, and oats	farms \$1,000--	— —	— —	— —	— —	— —	— —
Cotton	farms \$1,000--	— —	— —	— —	— —	— —	— —
Peanuts, rye, rice, tobacco, and honey	farms \$1,000--	3 (D)	— —	— —	— —	— —	1 (D)
LAND IN FARMS ACCORDING TO USE							
Total cropland	farms acres--	5 654 272 588	37 8 033	88 24 122	138 26 167	468 53 049	491 37 538
Harvested cropland	farms acres--	5 084 194 874	37 6 630	88 17 367	132 22 731	457 42 780	471 27 432
Farms by acres harvested:							
1 to 49 acres		4 028	16	29	37	208	264
50 to 99 acres		544	3	11	20	82	127
100 to 199 acres		336	6	16	28	113	56
200 to 499 acres		153	8	21	39	50	24
500 to 999 acres		21	3	10	8	3	—
1,000 to 1,999 acres		1	1	1	—	—	—
2,000 acres or more		1	—	—	—	1	—
Cropland:							
Pasture or grazing only	farms acres--	2 164 52 884	2 (D)	16 1 913	42 2 273	138 7 319	166 6 793
In cover crops, legumes, and soil improvement grasses, not harvested and not pastured	farms acres--	362 6 986	3 216	9 1 917	15 660	39 902	26 589
On which all crops failed	farms acres--	208 1 531	— —	2 (D)	2 (D)	21 267	28 218
In cultivated summer fellow	farms acres--	73 946	1 (D)	1 (D)	2 (D)	9 187	7 100
Idle	farms acres--	857 15 367	7 666	14 2 885	24 466	79 1 594	90 2 406
Total woodland	farms acres--	3 382 225 442	17 3 925	45 10 806	88 11 318	273 28 645	279 28 374
Woodland pastured	farms acres--	1 049 35 745	2 (D)	8 505	29 1 422	91 6 019	92 4 508
Woodland not pastured	farms acres--	2 933 189 697	16 (D)	42 10 301	81 9 896	233 22 626	243 23 866

See footnotes at end of table.

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$39,999	\$20,000 to \$24,999	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT¹						
All farms-----						
number--	392	171	586	753	797	2 176
\$1,000--	4 659	1 451	1 022	-294	-2 472	-12 193
Average per farm-----	11 886	8 487	1 744	-390	-3 102	-5 603
Farms with net gains ² -----	340	151	405	486	334	113
number--						
dollars--	16 315	10 844	6 389	2 704	1 290	540
Gain of-----						
Less than \$1,000-----						
\$1,000 to \$9,999-----	72	62	308	409	170	103
\$10,000 to \$49,999-----	268	89	78	-	164	10
\$50,000 or more-----	-	-	-	-	-	-
Farms with net losses-----	52	20	181	267	463	2 063
number--						
dollars--	17 076	9 301	8 651	6 023	6 271	5 940
Loss of-----						
Less than \$1,000-----	2	7	26	72	53	299
\$1,000 to \$9,999-----	24	5	103	160	333	1 517
\$10,000 to \$49,999-----	18	8	52	33	74	219
\$50,000 or more-----	8	-	-	2	3	28
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME						
Government payments-----						
farms--	20	10	32	49	38	69
\$1,000--	101	46	40	58	30	60
Other farm-related income ¹ -----						
farms--	117	59	136	164	138	489
\$1,000--	580	126	704	627	273	1 332
Customwork and other agricultural services-----						
farms--	43	12	54	60	47	156
\$1,000--	255	40	314	135	108	577
Gross cash rent or share payments -----						
farms--	43	9	30	39	47	92
\$1,000--	93	5	81	155	34	75
Forest products and Christmas trees -----						
farms--	50	29	34	56	64	263
\$1,000--	(D)	70	141	144	42	480
Other farm-related income sources -----						
farms--	37	12	29	49	34	77
\$1,000--	(D)	11	168	192	89	200
COMMODITY CREDIT CORPORATION LOANS						
Total-----						
farms--	1	-	-	-	-	2
\$1,000--	(D)	-	-	-	-	(D)
Corn-----						
farms--	1	-	-	-	-	-
\$1,000--	(D)	-	-	-	-	-
Wheat-----						
farms--	-	-	-	-	-	-
\$1,000--	-	-	-	-	-	-
Soybeans-----						
farms--	-	-	-	-	-	-
\$1,000--	-	-	-	-	-	-
Sorghum, barley, and oats-----						
farms--	-	-	-	-	-	-
\$1,000--	-	-	-	-	-	-
Cotton-----						
farms--	-	-	-	-	-	-
\$1,000--	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey-----						
farms--	-	-	-	-	-	2
\$1,000--	-	-	-	-	-	(D)
LAND IN FARMS ACCORDING TO USE						
Total cropland-----						
farms--	337	165	567	659	745	1 864
acres--	15 396	7 032	22 869	19 175	20 556	37 987
Harvested cropland-----						
farms--	329	149	541	617	677	1 493
acres--	11 990	5 212	14 735	13 040	13 116	20 123
Farms by acres harvested:						
1 to 49 acres-----	245	118	436	539	619	1 450
50 to 99 acres-----	46	13	72	64	49	33
100 to 199 acres-----	31	14	32	14	8	9
200 to 499 acres-----	7	4	1	-	1	1
500 to 999 acres-----	-	-	-	-	-	-
1,000 to 1,999 acres-----	-	-	-	-	-	-
2,000 acres or more-----	-	-	-	-	-	-
Cropland:						
Pasture or grazing only-----						
farms--	95	48	165	219	301	933
acres--	2 735	1 406	6 012	4 265	5 472	13 009
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured-----						
farms--	18	10	41	47	39	99
acres--	185	211	467	531	476	836
On which all crops failed-----						
farms--	10	3	29	26	22	57
acres--	26	16	203	117	144	413
In cultivated summer fallow-----						
farms--	6	-	4	16	10	16
acres--	43	-	31	235	37	263
Idle-----						
farms--	44	21	114	80	98	262
acres--	417	187	1 421	987	1 311	3 343
Total woodland-----						
farms--	175	96	294	385	478	1 192
acres--	11 147	6 273	18 893	21 531	26 477	57 457
Woodland pastured-----						
farms--	44	24	90	128	147	370
acres--	1 713	940	3 286	4 119	4 357	8 114
Woodland not pastured-----						
farms--	158	85	256	342	412	1 015
acres--	9 434	5 333	15 607	17 412	22 120	49 343

See footnotes at end of table.

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		All farms	\$500,000 or more		\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999	\$40,000 to \$49,999
			\$1,000,000 or more	Total				
LAND IN FARMS ACCORDING TO USE—Con.								
Pastureland and rangeland other than cropland and woodland pastured	farms..	1 269	6	17	22	78	91	23
	acres..	44 998	9 303	10 435	2 287	4 482	3 632	423
Land in house lots, ponds, roads, wasteland, etc.	farms..	4 123	34	73	110	318	346	90
	acres..	72 157	6 929	9 627	3 116	8 202	6 243	1 451
Cropland under federal acreage reduction programs:								
Annual commodity acreage adjustment programs	farms..	23	-	3	4	5	4	1
	acres..	829	-	140	138	282	150	(D)
Conservation reserve program	farms..	19	-	1	-	1	1	-
	acres..	677	-	(D)	-	(D)	(D)	-
Value of land and buildings ¹	farms..	6 216	44	97	148	426	525	145
\$1,000..	2 154 033	90 239	198 824	118 814	258 247	305 062	38 232	
Average per farm	dollars..	346 530	2 050 886	2 049 732	802 797	606 214	581 070	263 669
Average per acre	dollars..	3 553	3 201	3 616	2 770	2 938	4 270	3 528
Farms by value group:								
\$1 to \$39,999		640	2	2	2	1	12	6
\$40,000 to \$69,999		488	-	1	3	7	43	25
\$70,000 to \$99,999		455	-	-	2	19	26	10
\$100,000 to \$149,999		771	-	2	5	24	56	2
\$150,000 to \$199,999		761	1	2	2	30	49	20
\$200,000 to \$499,999		1 921	3	9	60	152	153	68
\$500,000 to \$999,999		786	9	29	44	114	123	11
\$1,000,000 to \$1,999,999		268	12	21	18	63	40	2
\$2,000,000 to \$4,999,999		114	14	23	11	15	22	1
\$5,000,000 or more		12	3	8	1	1	1	-
VALUE OF MACHINERY AND EQUIPMENT¹								
Estimated market value of all machinery and equipment	farms..	6 207	44	97	148	425	525	145
	\$1,000..	198 868	14 848	24 581	17 594	30 556	28 553	7 536
Farms by value group:								
\$1 to \$4,999		679	-	-	-	3	26	5
\$5,000 to \$9,999		1 426	1	2	2	3	32	9
\$10,000 to \$19,999		1 271	-	-	4	29	53	37
\$20,000 to \$49,999		1 701	2	12	28	128	184	44
\$50,000 to \$99,999		704	10	15	34	145	149	16
\$100,000 to \$199,999		327	16	31	55	103	69	34
\$200,000 to \$499,999		86	7	27	24	13	11	-
\$500,000 or more		13	8	10	1	1	1	-
SELECTED MACHINERY AND EQUIPMENT¹								
Mototrucks, including pickups	farms..	5 204	44	97	145	419	505	128
	number..	10 957	514	852	609	1 393	1 268	336
Wheel tractors	farms..	5 360	36	87	142	395	461	134
	number..	13 160	365	632	644	1 449	1 477	433
Less than 40 horsepower (PTO)	farms..	4 235	26	57	95	252	319	111
	number..	7 624	221	333	213	552	661	244
40 horsepower (PTO) or more	farms..	2 915	31	74	124	321	356	100
	number..	5 536	144	299	431	897	816	189
Grain and bean combines	farms..	52	-	4	4	14	13	3
	number..	60	-	4	4	14	19	3
Cottonpickers and strippers	farms..	-	-	-	-	-	-	-
	number..	-	-	-	-	-	-	-
Mower conditioners	farms..	1 586	3	18	50	173	147	20
	number..	1 783	5	23	62	196	184	21
Pickup balers	farms..	1 820	4	16	46	146	155	39
	number..	1 993	6	21	55	171	184	51
AGRICULTURAL CHEMICALS¹								
Commercial fertilizer	farms..	3 858	33	80	124	400	425	112
	acres on which used..	138 832	6 294	17 085	19 870	34 546	21 442	4 141
Lime	farms..	1 339	8	27	51	132	119	59
	acres on which used..	23 208	786	3 014	2 369	3 830	2 561	893
Sprays, dusts, granules, fumigants, etc., to control—	tons..	33 838	493	2 631	3 867	5 764	4 100	1 404
Insects on hay and other crops	farms..	2 049	29	68	91	264	317	102
	acres on which used..	49 252	5 756	11 227	7 712	11 640	7 864	1 746
Nematodes in crops	farms..	152	6	12	20	32	47	8
	acres on which used..	5 212	637	1 682	1 019	1 799	475	123
Diseases in crops and orchards	farms..	1 093	21	45	49	148	183	38
	acres on which used..	25 050	3 286	6 751	3 365	6 319	4 196	824
Weeds, grass, or brush in crops and pasture	farms..	1 690	22	54	88	295	255	70
	acres on which used..	57 337	3 763	9 190	9 042	17 294	9 182	2 301
Chemicals for defoliation or for growth control of crops or thinning of fruit	farms..	255	3	10	15	36	61	1
	acres on which used..	5 928	430	1 774	1 482	1 244	810	(D)

See footnotes at end of table.

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$39,999	\$20,000 to \$24,999	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500
LAND IN FARMS ACCORDING TO USE—Con.						
Pastureland and rangeland other than cropland and woodland pastured farms—acres—	47 1 148	18 489	97 4 507	163 4 551	190 4 920	523 8 124
Land in house lots, ponds, roads, wasteland, etc. farms—acres—	231 3 675	119 1 677	378 5 657	465 7 274	549 7 894	1 444 17 341
Cropland under federal acreage reduction programs:						
Annual commodity acreage adjustment programs farms—acres—	2 (D)	1 (D)	— —	2 (D)	— —	1 (D)
Conservation reserve program farms—acres—	— —	— —	— (D)	130 130	— (D)	9 194
Value of land and buildings ¹ farms—\$1,000—	392 112 463	171 56 395	586 186 955	753 197 443	797 204 048	2 176 477 550
Average per farm—dollars—	286 895	329 795	319 036	262 208	256 020	219 462
Average per acre—dollars—	3 306	2 541	3 612	3 518	3 512	4 117
Farms by value group:						
\$1 to \$39,999	56	4	48	126	107	276
\$40,000 to \$69,999	37	6	37	60	84	185
\$70,000 to \$99,999	25	2	33	53	41	244
\$100,000 to \$149,999	57	28	98	117	110	272
\$150,000 to \$199,999	46	19	87	78	134	294
\$200,000 to \$499,999	93	81	159	228	242	676
\$500,000 to \$999,999	67	21	94	60	52	171
\$1,000,000 to \$1,999,999	9	10	21	19	14	51
\$2,000,000 to \$4,999,999	2	—	9	11	13	7
\$5,000,000 or more	—	—	—	1	—	—
VALUE OF MACHINERY AND EQUIPMENT¹						
Estimated market value of all machinery and equipment farms—\$1,000—	391 13 587	171 3 593	586 15 039	753 17 538	790 13 395	2 176 26 898
Farms by value group:						
\$1 to \$4,999	25	36	34	73	116	361
\$5,000 to \$9,999	55	26	92	125	154	926
\$10,000 to \$19,999	98	19	140	200	240	451
\$20,000 to \$49,999	142	82	216	240	237	388
\$50,000 to \$99,999	45	7	90	112	43	48
\$100,000 to \$199,999	17	1	12	3	—	2
\$200,000 to \$499,999	9	—	2	—	—	—
\$500,000 or more	—	—	—	—	—	—
SELECTED MACHINERY AND EQUIPMENT¹						
Motortrucks, including pickups farms—number—	354 788	137 263	524 1 006	630 1 161	610 960	1 655 2 321
Wheel tractors farms—number—	335 969	153 391	495 1 169	653 1 494	1 852 416	1 852 3 086
Less than 40 horsepower (PTO) farms—number—	279 610	128 222	399 718	539 894	534 905	1 522 2 272
40 horsepower (PTO) or more farms—number—	175 359	96 169	278 451	392 600	338 511	661 814
Grain and bean combines farms—number—	— —	1 (D)	1 (D)	8 8	1 (D)	3 (D)
Cottonpickers and strippers farms—number—	— —	— —	— —	— —	— —	— —
Mower conditioners farms—number—	103 109	57 58	148 163	240 265	263 289	367 413
Pickup balers farms—number—	130 146	64 64	172 187	287 294	299 321	466 499
AGRICULTURAL CHEMICALS¹						
Commercial fertilizer farms—acres on which used—	323 8 335	151 4 155	432 7 732	512 6 966	407 6 807	892 7 753
Lime farms—acres on which used—	113 1 743	33 1 137	147 2 373	155 1 512	101 856	402 2 920
Sprays, dusts, granules, fumigants, etc., to control—						
Insects on hay and other crops farms—acres on which used—	191 2 150	85 1 255	261 2 240	233 1 582	144 425	293 1 411
Nematodes in crops farms—acres on which used—	9 36	2 (D)	4 (D)	8 24	— —	10 17
Diseases in crops and orchards farms—acres on which used—	88 700	17 52	120 779	87 780	87 461	231 823
Weeds, grass, or brush in crops and pasture farms—acres on which used—	171 2 797	90 1 761	203 2 515	206 1 414	123 551	135 1 290
Chemicals for defoliation or for growth control of crops or thinning of fruit farms—acres on which used—	3 (D)	14 92	36 227	21 130	11 11	47 105

See footnotes at end of table.

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

(For meaning of abbreviations and symbols, see introductory text)

Item	All farms	\$500,000 or more		\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999	\$40,000 to \$49,999
		\$1,000,000 or more	Total				
TENURE AND RACE OF OPERATOR							
All operators	6 216	44	97	148	475	515	138
Full owners	4 313	28	53	63	211	255	73
Part owners	1 449	9	27	73	221	207	47
Tenants	454	7	17	12	43	53	18
White	6 190	44	96	148	474	515	138
Full owners	4 294	28	53	63	211	255	73
Part owners	1 445	9	27	73	220	207	47
Tenants	451	7	16	12	43	53	18
Black and other races	26	-	1	-	1	-	-
Full owners	19	-	-	-	-	-	-
Part owners	4	-	-	-	1	-	-
Tenants	3	-	1	-	-	-	-
OWNED AND RENTED LAND							
Land owned	farms	5 764	37	80	136	432	462
acres	505 108	24 157	45 472	27 752	66 686	59 557	10 574
Owned land in farms	farms	5 762	37	80	136	432	462
acres	491 079	24 047	45 262	27 547	65 676	59 006	9 570
Land rented or leased from others	farms	1 922	16	44	85	266	260
acres	125 835	(D)	9 758	15 423	28 583	16 905	5 536
Rented or leased land in farms	farms	1 903	16	44	85	264	260
acres	124 106	4 143	9 728	15 341	28 502	16 781	5 522
Land rented or leased to others	farms	402	2	3	12	21	19
acres	15 758	(D)	240	287	891	675	1 018
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	4 918	17	46	94	347	385	96
Not on farm operated	960	22	39	44	97	102	38
Not reported	338	5	12	10	31	28	4
Operators by principal occupation:							
Farming	3 174	39	87	141	440	436	110
Other	3 042	5	10	7	35	79	28
Operators by days of work off farm:							
None	2 371	31	63	112	361	307	66
Any	3 516	10	25	29	87	172	57
1 to 99 days	552	3	11	13	37	57	17
100 to 199 days	681	-	1	4	17	47	14
200 days or more	2 283	7	13	12	33	68	26
Not reported	329	3	9	7	27	36	15
Operators by years on present farm:							
2 years or less	249	1	2	2	9	19	3
3 or 4 years	449	3	6	5	21	37	13
5 to 9 years	1 165	9	17	15	57	106	33
10 years or more	3 421	24	50	104	300	290	72
Average years on present farm	18.8	18.7	19.9	24.1	21.0	19.2	18.1
Not reported	932	7	22	22	88	63	17
Operators by age group:							
Under 25 years	50	-	-	1	1	3	1
25 to 34 years	590	3	9	10	52	79	15
35 to 44 years	1 477	11	26	34	112	117	31
45 to 49 years	687	7	13	16	54	64	22
50 to 54 years	642	6	12	21	62	41	17
55 to 59 years	642	6	11	26	63	52	9
60 to 64 years	663	3	8	13	56	69	16
65 to 69 years	595	4	8	12	34	32	5
70 years and over	870	4	10	15	41	58	22
Average age	52.6	51.9	51.2	52.4	51.0	50.4	52.0
Operators by sex:							
Male	5 415	43	94	144	460	490	126
Female	801	1	3	4	15	25	12
Operators of Spanish origin (see text)		24	-	1	-	4	1
FARMS BY TYPE OF ORGANIZATION							
Individual or family (sole proprietorship)	farms	5 124	7	19	71	301	364
acres	431 487	1 554	7 280	21 553	56 858	58 176	11 844
Partnership	farms	481	2	6	13	72	64
acres	73 006	(D)	6 302	(D)	(D)	9 634	2 179
Corporation:							
Family held	farms	493	26	55	62	93	70
acres	81 497	20 309	33 916	14 282	15 371	5 082	981
More than 10 stockholders	farms	4	1	1	-	2	-
10 or less stockholders	farms	489	25	54	62	91	70
Other than family held	farms	51	7	13	1	4	10
acres	5 038	1 495	2 812	(D)	(D)	285	(D)
More than 10 stockholders	farms	6	3	3	-	-	-
10 or less stockholders	farms	45	4	10	1	4	10
Other—cooperative, estate or trust, institutional, etc.	farms	67	2	4	1	5	7
acres	24 157	(D)	4 680	(D)	2 766	2 610	(D)

See footnotes at end of table.

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$39,999	\$20,000 to \$24,999	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500
TENURE AND RACE OF OPERATOR						
All operators	356	179	591	720	830	2 167
Full owners	230	126	409	532	622	1 739
Part owners	92	30	126	141	166	319
Tenants	34	23	56	47	42	109
White	354	175	585	719	826	2 160
Full owners	228	122	405	532	618	1 734
Part owners	92	30	125	141	166	317
Tenants	34	23	55	46	42	109
Black and other races	2	4	6	1	4	7
Full owners	2	4	4	-	4	5
Part owners	-	-	1	-	-	2
Tenants	-	-	1	1	-	-
OWNED AND RENTED LAND						
Land owned	farms	322	156	535	673	2 060
	acres	25 014	13 240	41 194	46 474	56 528
Owned land in farms	farms	322	156	535	673	788
	acres	24 218	13 003	40 267	45 078	53 355
Land rented or leased from others	farms	128	54	185	192	432
	acres	7 198	2 477	11 701	7 671	7 312
Rented or leased land in farms	farms	126	53	182	188	428
	acres	7 148	2 468	11 659	7 453	6 492
Land rented or leased to others	farms	28	13	41	49	130
	acres	846	246	969	1 614	3 993
OPERATOR CHARACTERISTICS						
Operators by place of residence:						
On farm operated		271	128	435	570	693
Not on farm operated		67	42	125	99	101
Not reported		18	9	31	51	36
Operators by principal occupation:						
Farming		258	99	347	340	310
Other		98	80	244	380	520
Operators by days of work off farm:						
None		160	76	237	229	231
Any		173	95	319	444	556
1 to 99 days		56	15	64	71	58
100 to 199 days		44	24	85	86	96
200 days or more		73	56	170	287	402
Not reported		23	8	35	47	43
Operators by years on present farm:						
2 years or less		20	12	21	30	30
3 or 4 years		20	19	40	53	48
5 to 9 years		75	39	103	124	177
10 years or more		198	92	337	399	454
Average years on present farm		20.0	17.7	20.8	19.0	19.8
Not reported		43	17	90	114	121
Operators by age group:						
Under 25 years		1	6	13	8	6
25 to 34 years		40	21	45	63	63
35 to 44 years		92	43	127	150	161
45 to 49 years		38	10	54	80	80
50 to 54 years		29	9	49	82	86
55 to 59 years		40	18	68	60	79
60 to 64 years		40	29	66	63	104
65 to 69 years		32	18	64	87	101
70 years and over		44	25	105	127	150
Average age		51.7	52.0	54.2	53.9	55.3
Operators by sex:						
Male		320	160	523	633	699
Female		36	19	68	87	131
Operators of Spanish origin (see text)		-	-	3	3	2
FARMS BY TYPE OF ORGANIZATION						
Individual or family (sole proprietorship)	farms	288	141	467	625	759
	acres	24 916	10 561	35 452	44 636	53 062
Partnership	farms	33	16	55	54	40
	acres	4 564	2 838	6 845	5 214	3 062
Corporation:						
Family held	farms	25	17	57	31	19
More than 10 stockholders	farms	611	1 530	4 144	1 884	770
10 or less stockholders	farms	25	17	57	30	19
Other than family held	farms	5	2	4	5	1
	acres	340	(D)	207	50	(D)
More than 10 stockholders	farms	-	-	-	-	2
10 or less stockholders	farms	5	2	4	5	-
Other—cooperative, estate or trust, institutional, etc.	farms	5	3	8	5	11
	acres	935	(D)	5 278	747	(D)

See footnotes at end of table.

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$500,000 or more		\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999	\$40,000 to \$49,999
		\$1,000,000 or more	Total				
F FARMS BY SIZE							
1 to 9 acres	1 105	3	7	10	41	52	20
10 to 49 acres	2 125	9	18	21	69	124	33
50 to 69 acres	587	4	4	7	26	42	24
70 to 99 acres	539	4	6	6	48	42	8
100 to 139 acres	566	-	3	10	51	64	11
140 to 179 acres	324	1	1	17	43	39	7
180 to 219 acres	264	1	3	8	38	27	12
220 to 259 acres	163	2	4	7	33	29	5
260 to 499 acres	386	8	20	34	95	72	17
500 to 999 acres	126	5	16	23	28	22	1
1,000 to 1,999 acres	26	5	11	5	2	2	-
2,000 acres or more	5	2	4	-	1	-	-
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
Cash grains (011)	25	-	-	-	2	3	1
Field crops, except cash grains (013)	975	3	5	4	6	19	12
Cotton (0131)	-	-	-	-	-	-	-
Tobacco (0132)	14	2	3	2	4	-	2
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	961	1	2	2	2	19	10
Vegetables and melons (016)	678	-	3	9	49	76	28
Fruits and tree nuts (017)	956	12	30	37	122	114	36
Horticultural specialties (018)	630	19	34	24	78	68	19
General farms, primarily crop (019)	274	-	1	1	7	5	4
Livestock, except dairy, poultry, and animal specialties (021)	1 233	-	2	3	8	27	5
Beef cattle, except feedlots (0212)	585	-	-	-	3	14	-
Dairy farms (024)	556	-	10	55	190	170	27
Poultry and eggs (025)	134	8	9	12	6	17	1
Animal specialties (027)	676	2	2	2	5	13	4
General farms, primarily livestock and animal specialties (029)	79	-	1	1	2	3	1
L LIVESTOCK							
Cattle and calves inventory	farms number	2 112 83 065	2 (D)	17 5 102	55 13 613	207 27 535	216 14 153
Farms with—							1 655
1 to 9	951	1	3	-	-	6	17
10 to 49	657	1	2	-	-	6	44
50 to 99	264	-	-	-	57	131	15
100 to 199	169	-	-	17	120	21	-
200 to 499	66	-	8	38	17	3	-
500 or more	5	-	4	-	1	-	-
Cows and heifers that had calved	farms number	1 757 46 605	2 (D)	15 2 952	55 8 039	202 15 570	202 8 509
Beef cows	farms number	1 124 9 692	2 (D)	6 29	3 15	32 907	49 1 103
Farms with—							34
1 to 9	869	2	5	2	20	32	4
10 to 49	229	-	1	1	6	9	7
50 to 99	16	-	-	-	4	4	-
100 to 199	9	-	-	-	1	4	-
200 to 499	1	-	-	-	1	-	-
500 or more	-	-	-	-	-	-	-
Milk cows	farms number	838 36 913	-	11 2 923	55 8 024	192 14 663	174 7 406
Farms with—							30
1 to 4	256	-	-	-	2	3	4
5 to 9	38	-	-	-	-	3	-
10 to 49	249	-	-	-	17	118	25
50 to 99	193	-	-	3	136	48	1
100 to 199	86	-	2	45	37	2	-
200 to 499	16	-	9	7	-	-	-
500 or more	-	-	-	-	-	-	-
Heifers and heifer calves	farms number	1 356 26 965	1 (D)	12 1 479	50 4 850	180 9 541	181 4 162
Steers, steer calves, bulls, and bull calves	farms number	1 170 9 495	2 (D)	13 671	32 724	110 2 424	89 1 482
Cattle and calves sold	farms number	1 725 39 668	1 (D)	14 2 699	57 6 511	206 12 193	216 7 675
Calves	farms number	1 074 20 745	-	11 1 487	54 3 695	192 6 908	181 4 251
Cattle	farms number	1 837 18 923	-	62 1 212	248 2 816	581 5 285	413 3 424
Fattened on grain and concentrates	farms number	1 514 9 461	-	12 1 753	53 1 372	191 2 626	202 1 728
	\$1,000	352 2 712	1 (D)	3 463	4 222	11 566	16 248
	\$1,000	1 588 1 588	(D)	350	111	306	111

See footnotes at end of table.

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$39,999	\$20,000 to \$24,999	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500
F FARMS BY SIZE						
1 to 9 acres	61	36	117	157	172	432
10 to 49 acres	126	65	216	228	285	940
50 to 69 acres	31	11	50	68	88	236
70 to 99 acres	32	13	46	77	79	182
100 to 139 acres	23	15	59	76	84	170
140 to 179 acres	15	16	23	38	37	88
180 to 219 acres	24	4	27	31	33	57
220 to 259 acres	16	4	15	19	18	13
260 to 499 acres	24	12	27	22	26	37
500 to 999 acres	4	3	6	4	7	12
1,000 to 1,999 acres	-	-	5	-	1	-
2,000 acres or more	-	-	-	-	-	-
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION						
Cash grains (011)	-	1	5	5	4	4
Field crops, except cash grains (013)	31	22	87	149	228	412
Cotton (0131)	-	-	-	-	-	-
Tobacco (0132)	-	-	3	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	31	22	84	149	228	412
Vegetables and melons (016)	75	38	122	127	82	69
Fruits and tree nuts (017)	72	33	123	107	102	180
Horticultural specialties (018)	76	24	100	78	61	68
General farms, primarily crop (019)	7	1	10	13	8	217
Livestock, except dairy, poultry, and animal specialties (021)	12	26	82	149	233	686
Beef cattle, except feedlots (0212)	6	7	34	61	135	325
Dairy farms (024)	51	14	21	8	5	5
Poultry and eggs (025)	7	9	9	9	13	42
Animal specialties (027)	20	10	25	65	90	440
General farms, primarily livestock and animal specialties (029)	5	1	7	10	4	44
L LIVESTOCK						
Cattle and calves inventory	farms--	98	45	160	222	303
	number--	3 719	1 172	3 508	3 359	3 912
Farms with—						
1 to 9		17	10	52	90	163
10 to 49		51	28	93	123	130
50 to 99		26	6	12	9	8
100 to 199		4	1	3	-	2
200 to 499		-	-	-	-	1
500 or more		-	-	-	-	-
Cows and heifers that had calved	farms--	92	34	128	172	237
	number--	2 172	527	1 690	1 381	2 013
Beef cows	farms--	45	19	94	151	212
	number--	736	148	1 055	1 229	1 877
Farms with—						
1 to 9		24	15	56	105	154
10 to 49		16	4	37	46	53
50 to 99		3	-	1	-	3
100 to 199		2	-	-	-	1
200 to 499		-	-	-	-	-
500 or more		-	-	-	-	-
Milk cows	farms--	60	21	50	47	44
	number--	1 436	378	635	152	136
Farms with—						
1 to 4		8	3	23	36	37
5 to 9		2	6	2	8	5
10 to 49		47	11	24	3	2
50 to 99		3	1	1	-	-
100 to 199		-	-	-	-	-
200 to 499		-	-	-	-	-
500 or more		-	-	-	-	-
Heifers and heifer calves	farms--	76	29	98	144	171
	number--	1 195	518	1 114	1 145	1 132
Steers, steer calves, bulls, and bull calves	farms--	54	19	93	145	194
	number--	352	129	704	833	767
Cattle and calves sold	farms--	93	40	140	205	254
	number--	1 981	625	1 975	1 834	1 683
Calves	farms--	\$1,000--	587	290	673	574
	number--		78	22	70	127
Cattle	farms--	\$1,000--	882	224	854	569
	number--		71	36	106	111
Fattened on grain and concentrates	farms--	\$1,000--	1 079	401	1 121	1 118
	number--		515	254	566	552
		\$1,000--	107	105	164	304
			68	79	63	182

See footnotes at end of table.

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

(For meaning of abbreviations and symbols, see introductory text)

Item	All farms	\$500,000 or more		Total	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999	\$40,000 to \$49,999
		\$1,000,000 or more						
LIVESTOCK—Con.								
Hogs and pigs inventory	farms number	498 25 816	1 (D)	5 3 260	7 4 086	11 3 601	35 3 248	11 1 447
Farms with—								
1 to 24		388	1	2	1	7	28	7
25 to 49		37	—	1	1	1	—	1
50 to 99		18	—	—	—	—	—	—
100 to 199		23	—	—	1	—	—	—
200 to 499		21	—	—	1	1	4	2
500 or more		11	—	2	3	2	3	1
Used or to be used for breeding	farms number	211 3 189	— (D)	1 (D)	4 (D)	7 570	17 411	5 155
Other	farms number	444 22 627	1 (D)	5 (D)	7 (D)	10 3 031	31 2 837	11 1 292
Hogs and pigs sold	farms number	387 40 048	1 (D)	4 8 504	7 8 143	12 3 419	23 7 112	8 1 048
	\$1,000	4 220	(D)	924	999	465	536	107
Feeder pigs	farms number	96 9 091	— —	— —	2 (D)	3 100	5 2 690	— —
	\$1,000	374	(D)	(D)	(D)	4	73	—
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	farms number	218 3 837	— (D)	1 (D)	4 (D)	7 544	17 702	5 177
Dec. 1 and May 31	farms number	202 1 682	— (D)	1 (D)	4 (D)	7 240	17 335	5 84
June 1 and Nov. 30	farms number	165 1 955	— (D)	— (D)	4 208	6 304	13 304	5 93
Sheep and lambs of all ages inventory	farms number	604 14 761	— —	— —	3 784	11 292	25 662	4 67
Ewes 1 year old or older	farms number	521 9 597	— —	— —	3 457	9 (D)	20 275	3 (D)
Sheep and lambs sold	farms number	493 11 548	— —	— —	1 (D)	11 (D)	18 1 026	3 71
Sheep and lambs shorn	farms number	511 13 036	— —	— —	2 (D)	10 (D)	17 381	4 68
	pounds of wool	95 098	— —	— —	(D)	(D)	3 677	406
Horses and ponies inventory	farms number	1 608 11 944	2 (D)	4 93	7 49	32 161	59 417	15 100
Horses and ponies sold	farms number	421 1 230	1 (D)	1 (D)	1 (D)	5 (D)	13 60	7 47
Goats inventory	farms number	279 2 756	— —	1 (D)	— —	6 (D)	10 186	6 17
Goats sold	farms number	96 1 187	— —	— —	— —	1 (D)	5 63	— —
POULTRY								
Chickens 3 months old or older inventory	farms number	738 1 502 202	8 1 047 422	8 1 047 422	13 307 093	17 31 419	36 48 485	13 11 158
Farms with—								
1 to 399		679	— —	— —	2	13	23	11
400 to 3,199		32	— —	— —	1	2	8	1
3,200 to 9,999		7	— —	— —	—	—	5	—
10,000 to 19,999		4	— —	— —	2	2	—	—
20,000 to 49,999		7	— —	— —	7	—	—	—
50,000 to 99,999		4	3	3	1	—	—	—
100,000 or more		5	5	5	—	—	—	—
Hens and pullets of laying age	farms number	733 1 251 356	8 923 857	8 923 857	12 215 593	17 28 358	36 36 385	12 (D)
Pullets 3 months old or older not of laying age	farms number	95 250 846	3 123 565	3 123 565	4 91 500	4 3 061	5 12 100	2 (D)
Hens and pullets sold	farms number	192 1 195 566	8 845 558	8 845 558	8 249 550	9 23 576	18 41 297	2 (D)
Broilers and other meat-type chickens sold	farms number	37 (D)	— —	— —	— —	— —	3 36 500	— —
Farms with—								
1 to 1,999		34	— —	— —	— —	— —	2	—
2,000 to 59,999		3	— —	— —	— —	— —	1	—
60,000 to 99,999		—	— —	— —	— —	— —	—	—
100,000 or more		—	— —	— —	— —	— —	—	—
Turkey hens kept for breeding	farms number	25 2 140	— (D)	1	— —	1 (D)	1 (D)	— —
Turkeys sold	farms number	86 153 714	— (D)	1 (D)	— (D)	8 (D)	7 28 865	— —

See footnotes at end of table.

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$39,999	\$20,000 to \$24,999	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500
LIVESTOCK—Con.						
Hogs and pigs inventory—farms—number—	19 1 042	22 1 857	58 3 476	68 1 947	71 843	193 1 209
Farms with—						
1 to 24—	10	9	33	45	65	181
25 to 49—	3	3	3	9	5	10
50 to 99—	1	4	8	5	—	2
100 to 199—	3	2	11	6	—	—
200 to 499—	2	4	5	1	1	—
500 or more—	—	—	—	—	—	—
Used or to be used for breeding—farms—number—	10 160	9 180	30 597	40 474	32 159	56 225
Other—farms—number—	18 882	22 1 497	52 2 879	56 1 473	61 684	171 984
Hogs and pigs sold—farms—number—	18 1 786	17 2 598	54 4 359	85 2 856	58 1 091	121 1 132
\$1,000—	183	228	377	223	85	92
Feeder pigs—farms—number—	3 607	1 (D)	11 983	22 1 361	18 543	31 540
\$1,000—	30	(D)	47	39	20	18
Litters of pigs farrowed between—						
Dec. 1 of preceding year and Nov. 30—farms—number—	11 181	9 212	31 743	40 469	34 155	59 241
Dec. 1 and May 31—farms—number—	9 74	9 125	30 385	38 238	31 88	51 108
June 1 and Nov. 30—farms—number—	9 107	7 87	23 358	33 231	24 67	41 133
Sheep and lambs of all ages inventory—farms—number—	12 292	7 899	47 2 174	82 2 788	114 2 494	299 4 309
Ewes 1 year old or older—farms—number—	11 (D)	5 (D)	46 (D)	73 1 822	100 1 490	251 2 729
Sheep and lambs sold—farms—number—	11 91	9 809	41 1 474	63 2 185	95 1 663	241 2 528
Sheep end lambs shorn—farms—number—	11 195	8 993	41 1 735	67 2 510	99 2 334	251 3 563
pounds of wool—	1 362	5 348	13 014	20 341	17 163	25 241
Horses and ponies inventory—farms—number—	48 629	30 287	87 651	179 1 557	223 1 288	924 6 712
Horses and ponies sold—farms—number—	22 166	10 64	34 186	84 230	102 186	142 223
Goats inventory—farms—number—	3 11	8 264	24 441	37 419	39 419	145 945
Goats sold—farms—number—	1 (D)	4 (D)	6 75	11 140	22 279	48 453
POULTRY						
Chickens 3 months old or older inventory—farms—number—	25 11 465	22 11 056	74 17 013	91 4 312	119 4 661	320 8 118
Farms with—						
1 to 399—	18	16	66	91	119	320
400 to 3,199—	7	6	7	—	—	—
3,200 to 9,999—	—	—	1	—	—	—
10,000 to 19,999—	—	—	—	—	—	—
20,000 to 49,999—	—	—	—	—	—	—
50,000 to 99,999—	—	—	—	—	—	—
100,000 or more—	—	—	—	—	—	—
Hens and pullets of laying age—farms—number—	25 (D)	22 8 320	73 8 293	91 3 889	118 4 391	319 7 482
Pullets 3 months old or older not of laying age—farms—number—	3 (D)	5 1 736	8 8 720	12 423	15 270	33 636
Hens and pullets sold—farms—number—	9 (D)	10 5 651	16 9 803	22 2 602	36 759	52 1 715
Broilers and other meat-type chickens sold—farms—number—	1 (D)	2 (D)	— —	7 2 847	10 504	14 338
Farms with—						
1 to 1,999—	1	1	—	6	10	14
2,000 to 59,999—	—	1	—	1	—	—
60,000 to 99,999—	—	—	—	—	—	—
100,000 or more—	—	—	—	—	—	—
Turkey hens kept for breeding—farms—number—	—	2 (D)	2 (D)	4 77	— —	14 29
Turkeys sold—farms—number—	4 4 650	5 4 016	9 5 785	14 2 895	17 444	20 444
266						

See footnotes at end of table.

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$500,000 or more		\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999	\$40,000 to \$49,999
		\$1,000,000 or more	Total				
CROPS HARVESTED							
Corn for silage or green chop	farms... acres... tons, green...	604 28 643 524 819	1 (D) (D)	14 2 373 50 855	48 7 267 147 893	162 11 376 202 759	120 3 784 62 594
Irrigated	farms... acres...	6 89	- -	- -	- -	- -	3 30
Farms by acres harvested:							
1 to 24 acres		274	1	1	-	16	54
25 to 99 acres		250	-	3	9	119	63
100 to 249 acres		69	-	6	33	26	3
250 to 499 acres		8	-	4	5	-	-
500 acres or more		2	-	-	1	1	-
Irish potatoes	farms... acres... cwt...	93 2 828 615 427	1 (D) (D)	4 1 195 364 000	3 419 78 360	12 185 38 261	16 389 72 576
Irrigated	farms... acres...	15 150	- (D)	- (D)	1 1 (D)	2 5 (D)	5 11 787 126
Farms by acres harvested:							
0.1 to 4.9 acres		50	-	-	1	5	4
5.0 to 24.8 acres		23	-	1	-	4	1
25.0 to 99.9 acres		15	-	-	-	3	6
100.0 to 249.9 acres		3	-	1	2	-	-
250.0 acres or more		2	-	2	-	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms... acres... tons, dry...	2 874 121 498 250 559	5 285 279	19 3 432 8 300	56 11 121 29 845	202 21 808 52 299	217 16 669 41 611
Irrigated	farms... acres...	24 339	- (D)	- (D)	- (D)	1 3 (D)	3 16 -
Farms by acres harvested:							
1 to 24 acres		1 542	3	5	7	29	49
25 to 99 acres		1 013	1	2	10	79	107
100 to 249 acres		285	-	5	22	81	53
250 to 499 acres		48	1	8	14	11	8
500 acres or more		6	-	1	3	2	-
Tame hay other than alfalfa, small grain, and wild hay (see text)	farms... acres... tons, dry...	1 699 60 650 120 497	2 (D) (D)	13 1 312 3 637	35 3 810 9 700	143 9 539 21 008	160 8 721 21 076
Irrigated	farms... acres...	11 219	- (D)	- (D)	- (D)	1 1 (D)	1 -
Vegetables harvested for sale (see text)	farms... acres...	1 008 18 325	2 (D)	11 811	21 1 381	105 4 876	124 3 670
Irrigated	farms... acres...	312 4 750	1 (D)	6 422	10 887	53 1 548	56 1 112
Farms by acres harvested:							
0.1 to 4.9 acres		438	-	-	1	15	23
5.0 to 24.9 acres		386	2	5	7	27	37
25.0 to 99.9 acres		156	-	3	6	49	60
100.0 to 249.9 acres		26	-	2	6	14	4
250.0 acres or more		2	-	1	1	-	-
Sweat corn harvested for sale	farms... acres...	596 8 444	1 (D)	7 302	18 736	81 2 807	78 1 958
Irrigated	farms... acres...	163 2 042	- (D)	3 90	7 183	35 832	34 560
Land in orchards	farms... acres...	572 9 379	-	4 1 042	15 1 562	41 1 935	54 1 623
Irrigated	farms... acres...	57 287	-	-	-	5 26	13 72
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres		269	-	-	-	5	11
5.0 to 24.9 acres		201	-	-	2	7	11
25.0 to 99.9 acres		82	-	-	4	25	31
100.0 to 249.9 acres		18	-	2	9	4	1
250.0 acres or more		2	-	2	-	-	-
Berries harvested for sale	farms... acres...	890 13 385	13 4 488	30 6 145	34 1 424	127 2 408	123 1 330
Irrigated	farms... acres...	848 12 499	13 4 488	29 6 143	28 1 410	115 2 339	103 1 135

See footnotes at end of table.

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$39,999	\$20,000 to \$24,999	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500
CROPS HARVESTED						
Corn for silage or green chop	farms--	45	16	45	41	34
	acres--	809	370	779	600	409
Irrigated	tons, green--	13 918	4 912	12 982	9 579	7 441
	farms--	2	-	1	-	-
	acres--	(D)	-	(D)	-	-
Farms by acres harvested:						
1 to 24 acres		32	8	30	35	31
25 to 99 acres		13	8	15	6	3
100 to 249 acres		-	-	-	-	-
250 to 499 acres		-	-	-	-	-
500 acres or more		-	-	-	-	-
Irish potatoes	farms--	7	9	15	7	5
	acres--	194	49	30	19	2
Irrigated	cwt--	30 880	9 920	3 566	3 340	479
	farms--	-	1	1	3	1
	acres--	-	(D)	(D)	2	(D)
Farms by acres harvested:						
0.1 to 4.9 acres		1	5	14	5	5
5.0 to 24.9 acres		2	4	1	2	2
25.0 to 99.9 acres		4	-	-	-	-
100.0 to 249.9 acres		-	-	-	-	-
250.0 acres or more		-	-	-	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms--	130	70	224	337	438
	acres--	8 224	3 915	11 098	10 783	11 680
Irrigated	tons, dry--	17 290	8 098	22 183	19 143	18 336
	farms--	1	-	4	-	4
	acres--	(D)	-	(D)	-	143
Farms by acres harvested:						
1 to 24 acres		33	26	73	163	235
25 to 99 acres		66	33	124	163	198
100 to 249 acres		29	9	26	11	5
250 to 499 acres		2	2	1	-	1
500 acres or more		-	-	-	-	-
Tame hay other than alfalfa, small grain, and wild hay (see text)	farms--	95	44	140	210	246
	acres--	4 919	1 939	6 166	6 012	6 329
Irrigated	tons, dry--	10 349	4 042	11 993	10 373	9 871
	farms--	-	-	1	-	3
	acres--	-	-	(D)	-	138
Vegetables harvested for sale (see text)	farms--	105	52	164	165	112
	acres--	1 480	547	1 424	718	350
Irrigated	farms--	36	12	37	39	20
	acres--	316	71	240	130	42
Farms by acres harvested:						
0.1 to 4.9 acres		24	9	59	110	91
5.0 to 24.9 acres		66	43	98	53	21
25.0 to 99.9 acres		15	-	7	2	-
100.0 to 249.9 acres		-	-	-	-	-
250.0 acres or more		-	-	-	-	-
Sweet corn harvested for sale	farms--	65	24	95	103	54
	acres--	823	178	687	317	141
Irrigated	farms--	13	3	15	24	7
	acres--	124	17	67	63	12
Land in orchards	farms--	49	8	58	69	84
	acres--	748	41	566	493	343
Irrigated	farms--	5	-	7	8	4
	acres--	(D)	-	39	46	4
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres		11	5	18	40	56
5.0 to 24.9 acres		30	3	35	26	27
25.0 to 99.9 acres		6	-	5	3	1
100.0 to 249.9 acres		2	-	-	-	-
250.0 acres or more		-	-	-	-	-
Berries harvested for sale	farms--	69	32	124	110	91
	acres--	350	188	576	376	181
Irrigated	farms--	55	30	98	71	46
	acres--	322	142	464	162	104

¹Data are based on a sample of farms.

²Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than \$1,000.

Table 53. Summary by Standard Industrial Classification of Farm: 1987

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		
F FARMS AND LAND IN FARMS								
Farms	number	6 216	25	975	-	14	961	678
	percent	100.0	.4	15.7	-	.2	15.5	956
Lend in farms	acres	615 185	5 987	124 046	-	2 028	122 018	10.9
Average size of farm	acres	99	239	127	-	145	127	55
M MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text)	farms	6 216	25	975	-	14	961	678
\$1,000		340 464	607	14 290	-	4 629	9 661	24 925
Average per farm	dollars	54 772	24 277	14 657	-	330 653	10 053	36 762
Farms by value of sales:								
Less than \$1,000 (see text)		1 133	4	149	-	-	149	6
\$1,000 to \$2,499		1 034	-	263	-	-	263	90
\$2,500 to \$4,999		830	4	228	-	-	228	82
\$5,000 to \$9,999		720	5	149	-	-	149	102
\$10,000 to \$19,999		591	5	87	-	3	84	127
\$20,000 to \$24,999		179	1	22	-	-	22	38
\$25,000 to \$39,999		356	-	31	-	-	31	72
\$40,000 to \$49,999		138	1	12	-	2	10	36
\$50,000 to \$99,999		515	3	19	-	-	19	76
\$100,000 to \$249,999		475	2	6	-	4	2	114
\$250,000 to \$499,999		148	-	4	-	2	2	122
\$500,000 to \$999,999		53	-	2	-	1	1	37
\$1,000,000 or more		44	-	3	-	2	1	18
Grains	farms	78	25	12	-	-	12	1
\$1,000		785	453	63	-	-	63	47
Sales of \$50,000 or more	farms	5	4	-	-	-	-	-
\$1,000		332	(D)	-	-	-	-	-
Corn for grain	farms	67	22	8	-	-	8	12
\$1,000		729	437	27	-	-	27	43
Wheat	farms	3	3	-	-	-	-	-
\$1,000		(D)	(D)	-	-	-	-	-
Soybeans	farms	-	-	-	-	-	-	-
\$1,000		-	-	-	-	-	-	-
Sorghum for grain	farms	-	-	-	-	-	-	-
\$1,000		-	-	-	-	-	-	-
Barley	farms	-	-	-	-	-	-	-
\$1,000		-	-	-	-	-	-	-
Oats	farms	5	4	-	-	-	-	-
\$1,000		(D)	(D)	-	-	-	-	-
Other grains	farms	7	-	4	-	-	4	2
\$1,000		39	-	36	-	-	36	(D)
Cotton and cottonseed	farms	-	-	-	-	-	-	-
\$1,000		-	-	-	-	-	-	-
Sales of \$50,000 or more	farms	-	-	-	-	-	-	-
\$1,000		-	-	-	-	-	-	-
Tobacco	farms	21	-	14	-	14	-	2
\$1,000		4 587	-	4 304	-	4 304	-	(D)
Sales of \$50,000 or more	farms	11	-	9	-	9	-	-
\$1,000		4 355	-	(D)	-	(D)	-	-
Hay, silage, and field seeds	farms	1 569	10	927	-	1	926	92
\$1,000		7 803	99	5 194	-	(D)	(D)	42
Sales of \$50,000 or more	farms	18	1	11	-	-	11	91
\$1,000		1 250	(D)	713	-	-	713	-
Vegetables, sweet corn, and melons	farms	1 007	-	54	-	2	52	677
\$1,000		25 179	-	290	-	(D)	(D)	74
Sales of \$50,000 or more	farms	138	-	-	-	-	-	481
\$1,000		15 627	-	-	-	-	-	1
Fruits, nuts, and berries	farms	1 186	-	26	-	1	25	145
\$1,000		92 349	-	28	-	(D)	(D)	914
Sales of \$50,000 or more	farms	305	-	-	-	-	-	649
\$1,000		83 747	-	-	-	-	-	90 799
Nursery and greenhouse crops	farms	824	-	12	-	-	12	122
\$1,000		80 867	-	20	-	-	20	59
Sales of \$50,000 or more	farms	212	-	-	-	-	-	-
\$1,000		73 508	-	-	-	-	-	634
Other crops	farms	114	1	44	-	1	43	47
\$1,000		4 285	(D)	3 461	-	(D)	(D)	-
Sales of \$50,000 or more	farms	12	-	10	-	-	10	-
\$1,000		3 520	-	(D)	-	-	(D)	-
Poultry and poultry products	farms	498	1	27	-	-	27	47
\$1,000		23 149	(D)	16	-	-	16	19
Sales of \$50,000 or more	farms	44	-	-	-	-	-	70
\$1,000		22 016	-	-	-	-	-	-
Dairy products	farms	609	-	6	-	1	5	2
\$1,000		63 309	-	220	-	(D)	(D)	-
Sales of \$50,000 or more	farms	409	-	1	-	1	-	1
\$1,000		58 969	-	(D)	-	(D)	(D)	-
Cattle and calves	farms	1 725	3	194	-	2	192	44
\$1,000		11 297	21	507	-	(D)	(D)	78
Sales of \$50,000 or more	farms	25	-	1	-	1	-	-
\$1,000		2 563	-	(D)	-	(D)	-	-

See footnotes at end of table.

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Beef cattle, except feedlots (0212)	Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
			Total						
F FARMS AND LAND IN FARMS									
Farms	number	630	274	1 233	585	556	134	676	79
	percent	10.1	4.4	19.8	9.4	8.9	2.2	10.9	1.3
Land in farms	acres	17 303	23 092	113 821	57 295	152 045	8 090	28 179	11 470
Average size of farm	acres	27	84	92	98	273	60	42	145
M MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text)	farms	630	274	1 233	585	556	134	676	79
\$1,000		79 985	3 096	10 428	3 502	69 892	22 711	20 831	2 158
Average per farm	dollars	126 961	11 299	8 457	5 987	125 705	169 488	30 815	27 313
Farms by value of sales:									
Less than \$1,000 (see text)		6	212	292	153	3	27	318	26
\$1,000 to \$2,499		62	5	394	172	2	15	122	18
\$2,500 to \$4,999		61	8	233	135	5	13	90	4
\$5,000 to \$9,999		78	13	149	61	8	9	65	10
\$10,000 to \$19,999		100	10	82	34	21	9	25	7
\$20,000 to \$24,999		24	1	26	7	14	9	10	1
\$25,000 to \$39,999		76	7	12	6	51	7	20	5
\$40,000 to \$49,999		19	4	5	-	27	1	4	1
\$50,000 to \$99,999		68	5	27	14	170	17	13	3
\$100,000 to \$249,999		78	7	8	3	190	6	5	2
\$250,000 to \$499,999		24	1	3	-	55	12	2	1
\$500,000 to \$999,999		15	1	2	-	10	1	-	1
\$1,000,000 or more		19	-	-	-	-	8	2	-
Grains	farms	-	7	7	2	6	3	1	1
\$1,000		-	30	30	(D)	71	20	(D)	(D)
Sales of \$50,000 or more	farms	-	-	-	-	-	-	-	(D)
\$1,000		-	-	-	-	-	-	-	-
Corn for grain	farms	-	7	6	2	6	3	1	1
\$1,000		-	30	(D)	(D)	71	20	(D)	(D)
Wheat	farms	-	-	-	-	-	-	-	-
\$1,000		-	-	-	-	-	-	-	-
Soybeans	farms	-	-	-	-	-	-	-	-
\$1,000		-	-	-	-	-	-	-	-
Sorghum for grain	farms	-	-	-	-	-	-	-	-
\$1,000		-	-	-	-	-	-	-	-
Barley	farms	-	-	-	-	-	-	-	-
\$1,000		-	-	-	-	-	-	-	-
Oats	farms	-	-	-	-	-	-	-	-
\$1,000		-	-	-	-	-	-	-	-
Other grains	farms	-	-	1	-	-	-	-	-
\$1,000		-	-	(D)	-	-	-	-	-
Cotton and cottonseed	farms	-	-	-	-	-	-	-	-
\$1,000		-	-	-	-	-	-	-	-
Sales of \$50,000 or more	farms	-	-	-	-	-	-	-	-
\$1,000		-	-	-	-	-	-	-	-
Tobacco	farms	-	3	1	1	1	-	-	-
\$1,000		-	210	(D)	(D)	(D)	-	-	-
Sales of \$50,000 or more	farms	-	2	-	-	-	-	-	-
\$1,000		-	(D)	-	-	-	-	-	-
Hay, silage, and field seeds	farms	26	43	227	131	119	15	34	34
\$1,000		37	223	435	245	1 067	30	111	302
Sales of \$50,000 or more	farms	-	-	-	-	4	-	-	2
\$1,000		-	-	-	-	302	-	-	(D)
Vegetables, sweet corn, and melons	farms	62	53	28	10	32	14	-	13
\$1,000		1 022	1 081	72	40	425	120	-	83
Sales of \$50,000 or more	farms	7	6	-	-	1	-	-	-
\$1,000		(D)	698	-	-	(D)	-	-	-
Fruits, nuts, and berries	farms	31	29	8	5	9	10	3	11
\$1,000		338	287	12	8	75	36	8	117
Sales of \$50,000 or more	farms	2	1	-	-	-	-	-	1
\$1,000		(D)	(D)	-	-	-	-	-	(D)
Nursery and greenhouse crops	farms	630	27	10	2	1	2	-	4
\$1,000		78 192	724	12	(D)	(D)	(D)	-	(D)
Sales of \$50,000 or more	farms	202	3	-	-	-	-	-	-
\$1,000		72 353	523	-	-	-	-	-	-
Other crops	farms	7	9	4	3	1	-	-	1
\$1,000		356	180	(D)	(D)	(D)	-	-	(D)
Sales of \$50,000 or more	farms	1	1	-	-	-	-	-	-
\$1,000		(D)	(D)	-	-	-	-	-	-
Poultry and poultry products	farms	13	13	151	33	33	134	23	37
\$1,000		7	116	69	8	62	22 436	(D)	358
Sales of \$50,000 or more	farms	-	1	-	-	-	42	-	1
\$1,000		(D)	(D)	-	-	-	(D)	-	(D)
Dairy products	farms	-	6	23	18	556	1	-	15
\$1,000		-	98	161	79	62 306	(D)	-	431
Sales of \$50,000 or more	farms	-	1	1	-	402	-	-	3
\$1,000		(D)	(D)	-	-	58 263	-	-	290
Cattle and calves	farms	12	26	813	543	552	13	18	32
\$1,000		21	98	4 530	3 001	5 690	32	31	220
Sales of \$50,000 or more	farms	-	-	16	13	8	-	-	-
\$1,000		-	-	1 812	1 193	(D)	-	-	-

See footnotes at end of table.

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Hogs and pigs	farms..	387	-	27	-	27	20	6
\$1,000..	4 220	-	54	-	54	25	(D)	
Sales of \$50,000 or more	farms..	15	-	-	-	-	-	-
\$1,000..	2 705	-	-	-	-	-	-	-
Sheep, lambs, and wool	farms..	563	-	63	-	63	21	32
\$1,000..	884	-	25	-	25	9	9	
Sales of \$50,000 or more	farms..	1	-	-	-	-	-	-
\$1,000..	(D)	-	-	-	-	-	-	-
Other livestock and livestock products (see text)	farms..	722	2	47	-	47	32	38
\$1,000..	21 749	(D)	108	-	108	24	16	
Sales of \$50,000 or more	farms..	25	-	-	-	-	-	-
\$1,000..	19 082	-	-	-	-	-	-	-
FARM PRODUCTION EXPENSES¹								
Total farm production expenses	farms..	6 216	37	967	-	954	757	1 017
\$1,000..	251 496	674	13 745	-	3 500	10 245	16 813	59 227
Average per farm	dollars..	40 460	18 223	14 214	-	269 247	10 738	22 210
Livestock and poultry purchased	farms..	1 559	9	136	-	134	75	43
\$1,000..	11 441	3	507	-	(D)	(D)	75	16
Farms with expenses of—								
\$1 to \$4,999		1 238	9	120	-	119	73	42
\$5,000 to \$24,999		242	-	3	-	3	2	1
\$25,000 to \$99,999		64	-	13	-	12	-	-
\$100,000 or more		15	-	-	-	-	-	-
Feed for livestock and poultry	farms..	2 893	16	306	-	304	140	119
\$1,000..	33 525	4	445	-	(D)	(D)	119	78
Farms with expenses of—								
\$1 to \$4,999		2 130	16	280	-	279	138	118
\$5,000 to \$24,999		448	-	25	-	25	1	1
\$25,000 to \$99,999		271	-	1	-	1	-	-
\$100,000 or more		44	-	-	-	-	-	-
Commercially mixed formula feeds	farms..	1 552	8	147	-	146	77	57
\$1,000..	26 256	(D)	186	-	(D)	(D)	76	22
Farms with expenses of—								
\$1 to \$4,999		992	8	146	-	146	76	57
\$5,000 to \$24,999		322	-	-	-	-	-	-
\$25,000 to \$79,999		192	-	1	-	1	-	-
\$80,000 or more		46	-	-	-	-	-	-
Seeds, bulbs, plants, and trees	farms..	2 429	37	289	-	282	656	242
\$1,000..	6 227	64	474	-	29	445	866	294
Farms with expenses of—								
\$1 to \$999		1 651	30	252	-	248	442	160
\$1,000 to \$4,999		618	4	25	-	23	184	76
\$5,000 to \$24,999		121	3	9	-	8	27	4
\$25,000 or more		39	-	3	-	3	3	2
Commercial fertilizer	farms..	3 858	19	553	-	540	757	876
\$1,000..	8 953	104	1 126	-	240	886	1 272	2 447
Farms with expenses of—								
\$1 to \$4,999		3 420	13	515	-	510	682	786
\$5,000 to \$24,999		398	6	34	-	29	73	77
\$25,000 to \$49,999		28	-	1	-	1	-	8
\$50,000 or more		12	-	3	-	1	-	5
Agricultural chemicals	farms..	3 027	29	301	-	291	560	921
\$1,000..	7 319	53	610	-	118	491	856	4 180
Farms with expenses of—								
\$1 to \$4,999		2 719	25	282	-	280	517	734
\$5,000 to \$24,999		264	4	15	-	8	42	156
\$25,000 to \$49,999		29	-	2	-	1	-	20
\$50,000 or more		15	-	2	-	2	-	11
Petroleum products	farms..	5 859	37	914	-	901	756	969
\$1,000..	12 042	48	979	-	243	736	1 273	2 389
Farms with expenses of—								
\$1 to \$4,999		5 438	34	886	-	880	715	865
\$5,000 to \$24,999		369	3	23	-	20	40	95
\$25,000 to \$49,999		32	-	3	-	2	1	6
\$50,000 or more		20	-	2	-	2	-	3
Gasoline and gasohol	farms..	5 243	36	805	-	792	740	886
\$1,000..	5 325	18	492	-	70	422	756	1 254
Diesel fuel	farms..	2 743	17	501	-	492	320	419
\$1,000..	2 585	13	246	-	22	224	(D)	538
Natural gas	farms..	175	4	23	-	23	3	39
\$1,000..	841	11	11	-	-	11	(D)	54
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms..	3 773	19	559	-	549	542	703
\$1,000..	3 291	6	230	-	151	80	275	544

See footnotes at end of table.

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

(For meaning of abbreviations and symbols, see introductory text)

Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Beef cattle, except feedlots (0212)	Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
			Total						
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.									
Total sales (see text)—Con.									
Hogs and pigs	farms	2	5	276	34	18	11	6	16
\$1,000	(D)	31	31	3 976	65	77	22	3	(D)
Sales of \$50,000 or more	farms	-	-	15	-	-	-	-	-
\$1,000	-	-	-	2 705	-	-	-	-	-
Sheep, lambs, and wool	farms	14	8	351	43	16	8	25	25
\$1,000	5	13	766	12	16	6	10	10	25
Sales of \$50,000 or more	farms	-	-	1	-	-	-	-	-
\$1,000	-	-	-	(D)	-	-	-	-	-
Other livestock and livestock products (see text)	farms	16	11	131	20	16	8	397	24
\$1,000	(D)	4	346	17	73	3	20 641	522	522
Sales of \$50,000 or more	farms	-	-	2	-	-	-	21	2
\$1,000	-	-	-	(D)	-	-	-	18 470	(D)
FARM PRODUCTION EXPENSES¹									
Total farm production expenses	farms	614	322	1 259	662	467	135	600	41
\$1,000	51 803	3 595	13 404	5 861	46 801	18 916	25 072	1 448	
Average per farm	dollars	84 369	11 163	10 646	8 853	100 217	140 116	41 786	35 324
Livestock and poultry purchased	farms	22	62	567	234	253	120	244	28
\$1,000	4	54	2 262	590	2 372	2 123	3 983	3 983	43
Farms with expenses of—									
\$1 to \$4,999		22	61	536	217	149	74	126	26
\$5,000 to \$24,999		-	1	19	13	78	23	113	2
\$25,000 to \$99,999		-	-	6	3	26	16	3	-
\$100,000 or more		-	-	6	1	-	7	2	-
Feed for livestock and poultry	farms	51	190	978	494	465	134	456	38
\$1,000	28	177	1 889	613	15 957	9 366	5 014	5 014	449
Farms with expenses of—									
\$1 to \$4,999		51	188	931	474	22	81	272	33
\$5,000 to \$24,999		-	2	38	20	213	17	150	1
\$25,000 to \$99,999		-	-	7	-	211	17	31	3
\$100,000 or more		-	-	2	-	19	19	3	1
Commercially mixed formula feeds	farms	16	44	405	163	465	134	162	37
\$1,000	6	49	(D)	203	13 201	9 347	2 406	371	
Farms with expenses of—									
\$1 to \$4,999		16	42	388	156	26	81	120	32
\$5,000 to \$24,999		-	2	13	7	251	17	37	2
\$25,000 to \$79,999		-	-	4	-	166	14	4	2
\$80,000 or more		-	-	-	-	22	22	1	1
Seeds, bulbs, plants, and trees	farms	389	97	271	147	345	41	40	22
\$1,000	3 759	67	117	44	537	10	17	21	
Farms with expenses of—									
\$1 to \$999		187	71	261	142	161	37	32	18
\$1,000 to \$4,999		114	26	7	5	168	4	7	3
\$5,000 to \$24,999		58	-	2	-	16	-	1	1
\$25,000 or more		30	-	1	-	-	-	-	-
Commercial fertilizer	farms	440	153	496	269	379	60	93	32
\$1,000	646	155	466	243	2 549	21	70	97	
Farms with expenses of—									
\$1 to \$4,999		422	141	490	266	193	60	91	27
\$5,000 to \$24,999		13	12	4	3	173	-	2	4
\$25,000 to \$49,999		4	-	1	-	11	-	-	1
\$50,000 or more		1	-	1	-	2	-	-	-
Agricultural chemicals	farms	477	101	147	50	324	47	93	27
\$1,000	738	258	66	17	513	15	17	13	
Farms with expenses of—									
\$1 to \$4,999		458	89	145	50	303	46	93	27
\$5,000 to \$24,999		11	12	2	-	21	1	-	-
\$25,000 to \$49,999		6	-	-	-	-	-	-	-
\$50,000 or more		2	-	-	-	-	-	-	-
Petroleum products	farms	585	305	1 153	604	460	126	514	40
\$1,000	3 541	200	833	371	1 853	350	516	516	61
Farms with expenses of—									
\$1 to \$4,999		482	302	1 139	602	361	111	508	35
\$5,000 to \$24,999		77	1	12	2	96	12	5	5
\$25,000 to \$49,999		12	2	2	-	2	3	1	-
\$50,000 or more		14	-	-	-	1	-	-	-
Gasoline and gasohol	farms	497	288	977	526	417	122	437	38
\$1,000	888	84	508	244	846	144	302	34	
Diesel fuel	farms	238	124	488	262	367	47	215	7
\$1,000	338	44	209	81	732	79	131	(D)	
Natural gas	farms	58	-	3	1	14	21	8	2
\$1,000	670	-	3	(D)	20	62	62	6	(D)
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms	387	108	565	291	446	94	325	25
\$1,000	1 645	72	112	(D)	255	65	76	76	9

See footnotes at end of table.

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)				
FARM PRODUCTION EXPENSES¹									
—Con.									
Total farm production expenses—Con.									
Electricity—farms \$1,000	4 286	34	627	—	13	614	456	619	
	5 959	11	221	—	28	193	291	1 051	
Farms with expenses of—									
\$1 to \$999	3 151	32	604	—	7	597	374	370	
\$1,000 to \$4,999	895	2	20	—	4	16	78	201	
\$5,000 to \$24,999	225	—	3	—	2	1	4	44	
\$25,000 or more	15	—	—	—	—	—	—	4	
Hired farm labor—farms \$1,000	2 185	8	200	—	11	189	296	518	
	66 579	40	2 804	—	1 889	915	4 080	19 444	
Farms with expenses of—									
\$1 to \$4,999	1 095	6	170	—	2	168	135	229	
\$5,000 to \$24,999	617	2	17	—	1	16	111	136	
\$25,000 to \$99,999	362	—	7	—	4	3	46	113	
\$100,000 or more	111	—	6	—	4	2	4	40	
Contract labor—farms \$1,000	1 025	1	66	—	—	66	87	396	
	7 906	(D)	153	—	—	153	638	3 378	
Farms with expenses of—									
\$1 to \$999	408	—	43	—	—	43	33	125	
\$1,000 to \$4,999	332	1	17	—	—	17	19	149	
\$5,000 to \$24,999	231	—	5	—	—	5	29	94	
\$25,000 or more	54	—	1	—	—	1	6	28	
Repair and maintenance—farms \$1,000	5 222	35	763	—	11	752	647	929	
	16 873	86	1 391	—	168	1 223	1 698	4 303	
Farms with expenses of—									
\$1 to \$4,999	4 353	33	705	—	4	701	557	738	
\$5,000 to \$24,999	785	1	55	—	5	50	88	166	
\$25,000 to \$49,999	55	1	2	—	2	—	1	10	
\$50,000 or more	29	—	1	—	—	1	1	15	
Customwork, machine hire, and rental of machinery and equipment—farms \$1,000	1 276	16	144	—	3	141	135	357	
	3 570	13	171	—	21	150	186	1 983	
Farms with expenses of—									
\$1 to \$999	781	12	95	—	—	95	80	183	
\$1,000 to \$4,999	362	3	40	—	2	38	48	115	
\$5,000 to \$24,999	115	1	8	—	1	7	7	46	
\$25,000 or more	18	—	1	—	—	1	—	13	
Interest expense—farms \$1,000	1 981	17	216	—	4	212	212	332	
	13 788	82	908	—	143	765	766	3 978	
Farms with expenses of—									
\$1 to \$4,999	1 395	10	149	—	—	149	165	198	
\$5,000 to \$24,999	485	7	61	—	1	60	42	104	
\$25,000 to \$99,999	88	—	6	—	3	3	5	25	
\$100,000 or more	13	—	—	—	—	—	—	5	
Secured by real estate—farms \$1,000	1 410	15	137	—	2	135	155	267	
	10 563	57	633	—	(D)	(D)	545	3 296	
Farms with expenses of—									
\$1 to \$999	281	—	11	—	—	11	33	61	
\$1,000 to \$4,999	659	12	78	—	—	78	87	91	
\$5,000 to \$24,999	391	3	45	—	1	44	31	89	
\$25,000 or more	79	—	3	—	1	2	4	26	
Not secured by real estate—farms \$1,000	950	5	118	—	3	115	86	136	
	3 225	25	275	—	(D)	(D)	221	681	
Farms with expenses of—									
\$1 to \$999	440	—	49	—	—	49	36	64	
\$1,000 to \$4,999	375	3	56	—	—	56	39	44	
\$5,000 to \$24,999	112	2	11	—	1	10	10	22	
\$25,000 or more	23	—	2	—	2	—	1	6	
Cash rent—farms \$1,000	1 092	7	138	—	5	133	212	84	
	3 848	18	297	—	150	147	498	853	
Farms with expenses of—									
\$1 to \$4,999	918	6	130	—	2	128	183	48	
\$5,000 to \$9,999	86	1	4	—	1	3	21	5	
\$10,000 to \$24,999	65	—	2	—	—	2	8	24	
\$25,000 or more	23	—	2	—	2	—	—	7	
Property taxes—farms \$1,000	5 817	36	926	—	13	913	691	942	
	15 219	58	1 859	—	50	1 809	1 244	4 168	
Farms with expenses of—									
\$1 to \$4,999	5 240	34	888	—	7	881	670	757	
\$5,000 to \$9,999	397	2	32	—	6	26	17	114	
\$10,000 to \$24,999	150	—	6	—	—	6	4	56	
\$25,000 or more	30	—	—	—	—	—	—	15	
All other farm production expenses—farms \$1,000	5 700	37	850	—	13	837	715	995	
	38 248	88	1 800	—	319	1 481	2 952	10 663	
Farms with expenses of—									
\$1 to \$4,999	4 694	33	813	—	6	807	604	745	
\$5,000 to \$24,999	744	3	29	—	2	27	82	179	
\$25,000 to \$49,999	143	1	2	—	2	—	19	35	
\$50,000 or more	119	—	6	—	3	3	10	36	

See footnotes at end of table.

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Beef cattle, except feedlots (0212)	Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
			Total						
FARM PRODUCTION EXPENSES¹									
—Con.									
Total farm production expenses—Con.									
Electricity — farms—									
\$1,000—	465	139	814	457	465	98	434	35	
	1 283	82	286	146	1 523	582	604	25	
Farms with expenses of—									
\$1 to \$999—	292	110	860	425	83	51	346	29	
\$1,000 to \$4,999—	113	29	51	32	284	28	84	5	
\$5,000 to \$24,999—	54	—	3	—	98	15	3	1	
\$25,000 or more—	6	—	—	—	—	4	1	—	
Hired farm labor — farms—									
\$1,000—	320	50	242	140	320	50	172	9	
	22 120	826	971	523	6 957	2 615	6 527	194	
Farms with expenses of—									
\$1 to \$4,999—	109	19	208	117	73	18	124	4	
\$5,000 to \$24,999—	98	21	17	10	160	13	40	2	
\$25,000 to \$99,999—	70	9	15	13	81	13	5	3	
\$100,000 or more—	43	1	2	—	6	6	3	—	
Contract labor — farms—									
\$1,000—	109	41	91	28	70	18	136	10	
	2 425	223	(D)	40	316	128	398	160	
Farms with expenses of—									
\$1 to \$999—	16	14	58	18	23	6	82	8	
\$1,000 to \$4,999—	35	10	33	8	26	6	35	1	
\$5,000 to \$24,999—	42	16	—	—	21	5	19	—	
\$25,000 or more—	16	1	—	—	—	1	—	1	
Repair and maintenance — farms—									
\$1,000—	542	257	993	543	441	130	450	35	
	2 798	397	1 390	819	3 013	414	1 294	88	
Farms with expenses of—									
\$1 to \$4,999—	401	234	941	510	231	101	381	31	
\$5,000 to \$24,999—	122	22	50	33	192	26	60	3	
\$25,000 to \$49,999—	9	1	1	—	17	3	9	1	
\$50,000 or more—	10	—	1	—	1	—	—	—	
Customwork, machine hire, and rental of machinery and equipment — farms—									
\$1,000—	112	79	203	102	134	11	74	11	
	522	66	180	70	350	18	73	7	
Farms with expenses of—									
\$1 to \$999—	73	70	132	77	60	9	68	9	
\$1,000 to \$4,999—	18	2	70	25	60	—	4	2	
\$5,000 to \$24,999—	17	7	1	—	24	2	2	—	
\$25,000 or more—	4	—	—	—	—	—	—	—	
Interest expense — farms—									
\$1,000—	310	35	313	140	288	36	218	4	
	2 771	68	843	317	2 546	746	1 038	43	
Farms with expenses of—									
\$1 to \$4,999—	217	33	270	125	159	22	170	2	
\$5,000 to \$24,999—	68	2	42	15	103	10	45	1	
\$25,000 to \$99,999—	19	—	1	—	26	2	3	1	
\$100,000 or more—	6	—	—	—	—	2	—	—	
Secured by real estate — farms—									
\$1,000—	230	19	217	76	233	18	118	1	
	2 084	(D)	599	204	2 022	474	824	(D)	
Farms with expenses of—									
\$1 to \$999—	58	8	66	21	39	1	4	—	
\$1,000 to \$4,999—	94	11	123	41	88	7	67	1	
\$5,000 to \$24,999—	56	—	28	14	87	7	45	—	
\$25,000 or more—	22	—	—	—	19	3	2	—	
Not secured by real estate — farms—									
\$1,000—	124	29	153	95	118	27	151	3	
	687	(D)	243	113	524	272	213	(D)	
Farms with expenses of—									
\$1 to \$999—	58	15	76	54	32	16	93	1	
\$1,000 to \$4,999—	39	13	73	41	46	5	57	—	
\$5,000 to \$24,999—	21	1	3	—	38	3	—	1	
\$25,000 or more—	6	—	1	—	2	3	1	1	
Cash rent — farms—									
\$1,000—	72	53	170	95	285	8	60	3	
	417	141	183	60	997	148	231	65	
Farms with expenses of—									
\$1 to \$4,999—	56	42	169	95	227	4	51	2	
\$5,000 to \$9,999—	6	11	—	—	31	1	6	—	
\$10,000 to \$24,999—	5	—	1	—	23	2	—	—	
\$25,000 or more—	5	—	—	—	4	1	3	1	
Property taxes — farms—									
\$1,000—	572	302	1 178	601	447	130	555	38	
	1 796	425	2 365	1 348	1 561	384	1 275	85	
Farms with expenses of—									
\$1 to \$4,999—	475	301	1 101	549	363	111	504	36	
\$5,000 to \$9,999—	64	—	55	34	70	14	29	—	
\$10,000 to \$24,999—	26	1	21	18	11	2	21	2	
\$25,000 or more—	7	—	1	—	3	3	1	—	
All other farm production expenses — farms—									
\$1,000—	594	205	1 111	606	467	135	550	41	
	8 955	455	1 469	660	5 759	1 996	4 013	98	
Farms with expenses of—									
\$1 to \$4,999—	412	192	1 087	595	190	110	470	38	
\$5,000 to \$24,999—	130	10	20	11	205	16	68	2	
\$25,000 to \$49,999—	17	1	1	—	53	3	10	1	
\$50,000 or more—	35	2	3	—	19	6	2	—	

See footnotes at end of table.

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT¹								
All farms—	number— \$1,000—	6 216 84 172	37 -15	967 597	- -	13 1 012	954 -415	757 10 634
Average per farm—	dollars—	13 541	-393	617	-	77 832	-435	14 047
Farms with net gains ² —	number— Average net gain—	3 017 35 387	23 4 901	404 8 368	- -	11 95 377	393 5 932	600 18 715
Gain of—								
Less than \$1,000—		374	-	81	-	-	81	40
\$1,000 to \$9,999—		1 131	21	243	-	3	240	229
\$10,000 to \$49,999—		1 077	2	70	-	3	67	283
\$50,000 or more—		435	-	10	-	5	5	48
Farms with net losses—	number— Average net loss—	3 199 7 062	14 9 089	563 4 944	- -	2 (D)	561 (D)	157 3 793
Loss of—								
Less than \$1,000—		463	1	115	-	-	115	49
\$1,000 to \$9,999—		2 195	11	383	-	-	383	99
\$10,000 to \$49,999—		490	1	65	-	2	63	9
\$50,000 or more—		51	1	-	-	-	-	1
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME								
Government payments—	farms— \$1,000—	400 2 213	10 95	52 379	- -	- -	52 379	51 97
Other farm-related income ¹ —	farms— \$1,000—	1 361 5 802	5 41	314 835	- -	5 5	309 830	154 558
Customwork and other agricultural services—	farms— \$1,000—	449 2 163	2 (D)	124 269	- -	- -	124 269	73 321
Gross cash rent or share payments—	farms— \$1,000—	300 477	2 (D)	96 129	- -	5 5	91 124	44 36
Forest products and Christmas trees—	farms— \$1,000—	570 1 780	- -	81 209	- -	- -	81 209	88 174
Other farm-related income sources—	farms— \$1,000—	368 1 382	1 (D)	62 228	- -	- -	62 228	36 28
COMMODITY CREDIT CORPORATION LOANS								
Total—	farms— \$1,000—	8 159	2 (D)	- -	- -	- -	- -	- -
Corn—	farms— \$1,000—	5 (D)	2 (D)	- -	- -	- -	- -	- -
Wheat—	farms— \$1,000—	- (D)	- (D)	- -	- -	- -	- -	- -
Soybeans—	farms— \$1,000—	- (D)	- -	- -	- -	- -	- -	- -
Sorghum, barley, and oats—	farms— \$1,000—	- (D)	- -	- -	- -	- -	- -	- -
Cotton—	farms— \$1,000—	- (D)	- -	- -	- -	- -	- -	- -
Peanuts, rye, rice, tobacco, and honey—	farms— \$1,000—	3 (D)	- -	- -	- -	- -	- -	- -
LAND IN FARMS ACCORDING TO USE								
Total cropland—	farms— acres—	5 654 272 588	25 3 563	975 55 367	- -	14 1 124	961 54 243	678 21 750
Harvested cropland—	farms— acres—	5 084 194 874	25 2 813	975 41 850	- -	14 763	961 41 087	678 17 238
Farms by acres harvested:								
1 to 49 acres—	farms— acres—	4 028 544	16 -	738 140	-	11 -	727 140	575 61
50 to 99 acres—	farms— acres—	336	4	72	-	2	70	37
100 to 199 acres—	farms— acres—	153	3	23	-	1	22	5
200 to 499 acres—	farms— acres—	21	2	2	-	-	2	2
500 to 999 acres—	farms— acres—	1	-	-	-	-	-	1
1,000 to 1,999 acres—	farms— acres—	1	-	-	-	-	-	-
2,000 acres or more—	farms— acres—	1	-	-	-	-	-	-
Cropland:								
Pasture or grazing only—	farms— acres—	2 164 52 884	8 223	344 7 784	- -	1 (D)	343 (D)	95 1 705
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured—	farms— acres—	362 6 986	3 (D)	67 2 391	- -	5 100	62 2 291	65 745
On which all crops failed—	farms— acres—	208 1 531	1 (D)	25 220	- -	25 220	25 597	30 120
In cultivated summer fallow—	farms— acres—	73 946	1 (D)	12 161	- -	3 (D)	9 (D)	13 60
Idle—	farms— acres—	857 15 367	7 314	135 2 961	- -	5 148	130 2 813	144 1 405
Total woodland—	farms— acres—	3 382 225 442	14 (D)	645 50 150	- -	7 469	638 49 681	289 10 190
Woodland pastured—	farms— acres—	1 049 35 745	2 (D)	182 8 122	- -	3 206	179 5 916	47 1 209
Woodland not pastured—	farms— acres—	2 933 189 697	14 2 102	572 44 028	- -	5 263	567 43 765	264 8 981

See footnotes at end of table.

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

(For meaning of abbreviations and symbols, see introductory text.)

Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
			Total	Beef cattle, except feedlots (0212)				
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT¹								
All farms	number	614	322	1 259	662	467	135	600
	\$1,000	25 637	1 129	-3 970	-2 311	16 151	3 470	-3 625
Average per farm	dollars	41 754	3 505	-3 153	-3 491	34 584	25 707	-6 042
Farms with net gains ²	number	446	39	293	129	426	44	69
Average net gain	dollars	59 432	56 520	6 142	5 546	39 878	90 604	67 069
Gain of—								
Less than \$1,000		35	8	124	73	4	-	17
\$1,000 to \$9,999		166	2	130	39	70	8	19
\$10,000 to \$49,999		155	17	35	15	252	19	26
\$50,000 or more		90	12	4	2	100	17	7
Farms with net losses	number	168	283	966	533	41	91	531
Average net loss	dollars	5 177	3 801	5 973	5 678	20 423	5 672	15 542
Loss of—								
Less than \$1,000		30	16	156	94	-	16	23
\$1,000 to \$9,999		102	253	670	353	10	63	306
\$10,000 to \$49,999		35	14	139	86	27	10	161
\$50,000 or more		1	-	1	-	4	2	41
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME								
Government payments	farms	4	13	111	24	120	1	9
	\$1,000	(D)	27	298	195	1 254	(D)	17
Other farm-related income ¹	farms	85	40	272	148	165	71	65
	\$1,000	446	290	802	367	945	140	646
Customwork and other agricultural services	farms	12	12	111	66	41	1	5
	\$1,000	15	47	364	157	297	(D)	392
Gross cash rent or share payments	farms	17	14	83	58	4	14	2
	\$1,000	14	43	160	88	5	(D)	(D)
Forest products and Christmas trees	farms	57	17	115	61	57	35	34
	\$1,000	306	50	169	80	453	39	50
Other farm-related income sources	farms	17	6	51	34	102	22	28
	\$1,000	111	150	110	43	191	70	(D)
COMMODITY CREDIT CORPORATION LOANS								
Total	farms	-	-	-	-	3	-	3
	\$1,000	-	-	-	-	(D)	-	(D)
Corn	farms	-	-	-	-	3	-	-
	\$1,000	-	-	-	-	(D)	-	-
Wheat	farms	-	-	-	-	-	-	-
	\$1,000	-	-	-	-	-	-	-
Soybeans	farms	-	-	-	-	-	-	-
	\$1,000	-	-	-	-	-	-	-
Sorghum, barley, and oats	farms	-	-	-	-	-	-	-
	\$1,000	-	-	-	-	-	-	-
Cotton	farms	-	-	-	-	-	-	-
	\$1,000	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey	farms	-	-	-	-	-	-	-
	\$1,000	-	-	-	-	-	-	(D)
LAND IN FARMS ACCORDING TO USE								
Total cropland	farms	630	274	1 029	511	532	90	391
	acres	7 395	9 117	41 999	23 030	89 077	1 690	8 482
Harvested cropland	farms	630	272	770	395	505	62	140
	acres	5 116	6 034	23 271	12 746	68 402	1 013	3 109
Farms by acres harvested:								
1 to 49 acres		611	249	661	326	91	57	125
50 to 99 acres		11	11	75	48	163	2	9
100 to 199 acres		5	10	25	16	146	3	3
200 to 499 acres		2	2	8	5	92	-	2
500 to 999 acres		1	-	-	-	13	-	1
1,000 to 1,999 acres		-	-	-	-	-	-	-
2,000 acres or more		-	-	1	-	-	-	-
Cropland:								
Pasture or grazing only	farms	50	119	711	358	345	46	304
	acres	664	2 173	15 688	8 776	17 118	413	4 429
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms	34	17	52	27	46	5	8
	acres	450	176	567	264	1 246	24	(D)
On which all crops failed	farms	7	8	34	15	12	-	10
	acres	17	96	244	104	118	-	(D)
In cultivated summer fallow	farms	9	6	12	7	5	-	1
	acres	86	200	210	177	65	-	(D)
Idle	farms	103	41	114	49	73	16	57
	acres	1 062	438	2 019	963	2 128	240	752
Total woodland	farms	155	172	794	367	398	70	286
	acres	(D)	9 284	48 411	24 160	49 209	4 195	11 911
Woodland pastured	farms	28	46	351	185	196	27	89
	acres	(D)	824	11 376	6 737	11 292	830	1 008
Woodland not pastured	farms	138	155	640	280	336	61	241
	acres	4 842	8 460	37 035	17 423	37 917	3 365	10 903

See footnotes at end of table.

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

(For meaning of abbreviations and symbols, see introductory text)

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		
LAND IN FARMS ACCORDING TO USE—Con.								
Pastureland and rangeland other than cropland and woodland pestered farms... acres...	1 269 44 998	1 (D)	210 5 924	-	2 (D)	208 (D)	68 1 456	91 12 897
Land in house lots, ponds, roads, wasteland, etc. farms... acres...	4 123 72 157	18 (D)	616 12 605	-	13 (D)	603 (D)	406 4 172	687 20 824
Cropland under federal acreage reduction programs:								
Annual commodity acreage adjustment programs farms... acres...	23 829	6 422	1 (D)	-	-	1 (D)	1 (D)	-
Conservation reserve program farms... acres...	19 677	-	6 277	-	-	6 277	-	-
Value of land and buildings ¹ farms... \$1,000...	6 216 2 154 033	37 10 455	967 369 492	-	13 5 820	954 363 672	757 223 008	1 017 360 456
Average per farm dollars...	346 530	282 568	382 101	-	447 692	381 208	294 594	354 431
Average per acre dollars...	3 553	1 764	3 097	-	2 926	3 100	4 905	3 633
Farms by value group:								
\$1 to \$39,999 farms...	640	17	59	-	1	58	58	50
\$40,000 to \$69,999	488	-	67	-	-	67	52	116
\$70,000 to \$99,999	455	1	33	-	1	32	76	99
\$100,000 to \$149,999	771	1	135	-	1	134	87	137
\$150,000 to \$199,999	761	10	126	-	3	123	113	112
\$200,000 to \$499,999	1 921	4	299	-	2	297	270	301
\$500,000 to \$999,999	786	1	161	-	3	158	65	142
\$1,000,000 to \$1,999,999	268	1	75	-	2	73	25	36
\$2,000,000 to \$4,999,999	114	2	11	-	-	11	10	22
\$5,000,000 or more	12	-	1	-	-	1	1	2
VALUE OF MACHINERY AND EQUIPMENT¹								
Estimated market value of all machinery and equipment farms... \$1,000...	6 207 198 868	37 1 078	960 22 099	-	13 884	947 21 215	757 25 891	1 017 43 830
Farms by value group:								
\$1 to \$4,999 farms...	679	16	126	-	2	124	98	80
\$5,000 to \$9,999	1 426	9	215	-	-	215	143	231
\$10,000 to \$19,999	1 271	1	242	-	1	241	98	205
\$20,000 to \$49,999	1 701	3	256	-	4	252	250	272
\$50,000 to \$99,999	704	4	95	-	1	94	118	108
\$100,000 to \$199,999	327	4	21	-	5	16	39	96
\$200,000 to \$499,999	86	-	5	-	-	5	11	19
\$500,000 or more	13	-	-	-	-	-	-	6
SELECTED MACHINERY AND EQUIPMENT¹								
Motortrucks, including pickups farms... number...	5 204 10 957	21 51	746 1 448	-	9 64	737 1 384	678 1 500	855 2 047
Wheel tractors farms... number...	5 360	37	874	-	13	861	866	839
Less than 40 horsepower (PTO) farms... number...	13 160	69	2 329	-	53	2 276	1 932	1 764
40 horsepower (PTO) or more farms... number...	4 235 7 624 2 915 5 536	16 22 25 47	698 1 386 565 943	-	8 20 12 33	690 1 366 553 910	612 1 198 398 734	700 1 145 370 619
Grain and bean combines farms... number...	52 60	4 4	5 6	-	-	5 6	5 7	1 (D)
Cottonpickers and strippers farms... number...	-	-	-	-	-	-	-	-
Mower conditioners farms... number...	1 586 1 783	6 8	423 450	-	2 (D)	421 (D)	113 133	101 125
Pickup balers farms... number...	1 820 1 993	22 25	559 615	-	2 (D)	557 (D)	125 126	57 59
AGRICULTURAL CHEMICALS¹								
Commercial fertilizer farms... acres on which used...	3 858 138 832	19 2 416	553 20 810	-	13 636	540 20 174	757 17 177	876 20 629
Lime farms... acres on which used...	1 339 23 208	21 479	172 4 484	-	7 230	165 4 254	312 4 790	116 1 292
Sprays, dusts, granules, fumigants, etc., to control— Insects on hay and other crops farms... acres on which used...	2 049 49 252	14 1 287	147 4 235	-	10 528	137 3 707	463 10 556	816 19 529
Nematodes in crops farms... acres on which used...	152 5 212	1	18 1 000	-	6 316	12 684	25 344	50 1 541
Diseases in crops and orchards farms... acres on which used...	1 093 25 050	2	70 2 176	-	4 179	66 1 997	153 3 809	608 15 382
Weeds, grass, or brush in crops and pasture farms... acres on which used...	1 690 57 337	17 1 933	190 5 770	-	5 246	185 5 524	350 8 673	513 10 962
Chemicals for defoliation or for growth control of crops or thinning of fruit farms... acres on which used...	255 5 928	1 (D)	24 416	-	-	24 416	32 186	160 4 433

See footnotes at end of table.

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

(For meaning of abbreviations and symbols, see introductory text.)

Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
			Total	Beef cattle, except feedlots (0212)				
LAND IN FARMS ACCORDING TO USE—Con.								
Pastureland and rangeland other than cropland and woodland pastured	farms-- acres--	42 (D)	72 1 809	378 10 054	176 3 808	148 7 168	35 (D)	201 2 970
Land in house lots, ponds, roads, wasteland, etc.	farms-- acres--	401 3 818	185 2 882	811 13 357	357 6 297	339 6 591	111 (D)	489 4 816
Cropland under federal acreage reduction programs:								
Annual commodity acreage adjustment programs	farms-- acres--	- (D)	2 -	2 (D)	- -	11 307	- -	- -
Conservation reserve program	farms-- acres--	- -	- -	4 124	4 124	2 (D)	1 (D)	4 209
Value of land and buildings ¹	farms-- \$1,000--	614 195 763	322 81 643	1 258 337 011	682 201 899	467 335 932	135 30 549	600 128 687
Average per farm	dollars--	318 832	253 550	267 681	304 983	719 340	226 289	214 478
Average per acre	dollars--	11 977	3 991	2 776	2 777	2 402	3 546	6 205
Farms by value group:								
\$1 to \$39,999		66	29	180	83	26	21	133
\$40,000 to \$69,999		59	18	105	39	4	18	49
\$70,000 to \$99,999		28	62	93	57	10	24	23
\$100,000 to \$149,999		103	27	124	73	19	16	114
\$150,000 to \$199,999		60	45	209	106	34	9	42
\$200,000 to \$499,999		194	97	388	195	142	35	171
\$500,000 to \$999,999		64	28	106	67	146	10	62
\$1,000,000 to \$1,999,999		30	16	34	31	46	-	3
\$2,000,000 to \$4,999,999		8	-	20	11	37	2	2
\$5,000,000 or more		2	-	-	-	3	-	1
VALUE OF MACHINERY AND EQUIPMENT¹								
Estimated market value of all machinery and equipment	farms-- \$1,000--	614 22 860	322 4 916	1 259 23 971	662 12 494	466 34 483	135 5 308	599 12 433
Farms by value group:								
\$1 to \$4,999		74	41	143	39	11	16	66
\$5,000 to \$9,999		136	124	352	222	18	24	168
\$10,000 to \$19,999		140	105	310	146	40	32	82
\$20,000 to \$49,999		144	28	368	212	117	38	220
\$50,000 to \$99,999		59	21	74	41	151	15	58
\$100,000 to \$199,999		39	2	7	1	108	5	3
\$200,000 to \$499,999		17	1	5	1	21	4	2
\$500,000 or more		5	-	-	-	-	1	1
SELECTED MACHINERY AND EQUIPMENT¹								
Motortrucks, including pickups	farms-- number--	531 1 339	257 470	1 006 1 682	502 795	448 1 300	112 228	510 802
Wheel tractors	farms-- number--	480 1 323	287 578	1 075 2 197	598 1 270	432 1 889	103 193	506 813
Less than 40 horsepower (PTO)	farms-- number--	394 850	248 417	310 1 293	445 746	253 594	83 123	381 550
40 horsepower (PTO) or more	farms-- number--	206 473	114 161	572 904	338 524	379 1 275	32 70	228 263
Grain and bean combines	farms-- number--	1 (D)	-	11 13	8 8	23 26	1 (D)	- (D)
Cottonpickers and strippers	farms-- number--	- -	-	-	-	-	-	-
Mower conditioners	farms-- number--	35 42	62 68	408 451	228 253	346 405	23 25	54 60
Pickup balers	farms-- number--	23 24	112 118	486 518	306 329	367 438	25 25	29 29
AGRICULTURAL CHEMICALS¹								
Commercial fertilizer	farms-- acres on which used--	440 3 812	153 3 213	496 12 628	269 7 686	379 53 860	60 667	93 1 508
Lime	farms-- acres on which used--	135 1 339	84 1 468	238 2 687	109 1 656	155 4 845	11 25	74 733
Sprays, dusts, granules, fumigants, etc., to control—	farms-- acres on which used--	1 353 2 558	2 299 2 236	4 104 693	2 422 333	8 152 7 871	34 (D)	1 066 1 028
Insects on hay and other crops	farms-- acres on which used--	394 2 558	82 2 236	29 693	3 333	81 7 871	11 (D)	10 116
Nematodes in crops	farms-- acres on which used--	16 43	2 (D)	- -	- -	30 1 731	9 10	- (D)
Diseases in crops and orchards	farms-- acres on which used--	144 763	55 1 625	5 69	2 (D)	9 317	24 54	21 98
Weeds, grass, or brush in crops and pasture	farms-- acres on which used--	158 1 593	86 1 941	64 3 026	36 838	285 22 206	25 433	19 472
Chemicals for defoliation or for growth control of crops or thinning of fruit	farms-- acres on which used--	22 56	8 (D)	- -	- -	8 685	- -	- -

See footnotes at end of table.

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		
TENURE AND RACE OF OPERATOR								
All operators	6 216	25	975	-	14	961	678	956
Full owners	4 313	15	663	-	9	654	379	804
Part owners	1 449	9	256	-	3	253	215	94
Tenants	454	1	56	-	2	54	84	58
White	6 190	25	973	-	14	959	677	947
Full owners	4 294	15	663	-	9	654	379	796
Part owners	1 445	9	254	-	3	251	215	93
Tenants	451	1	56	-	2	54	83	58
Black and other races	26	-	2	-	-	2	1	9
Full owners	19	-	-	-	-	-	-	8
Part owners	4	-	2	-	-	2	-	1
Tenants	3	-	-	-	-	-	1	-
OWNED AND RENTED LAND								
Land owned	farms..	5 764	24	920	-	12	908	595
acres..	505 108	3 433	105 365	-	1 350	104 015	27 212	88 768
Owned land in farms	farms..	5 762	24	919	-	12	907	594
acres..	491 079	3 342	102 077	-	1 178	100 899	26 385	87 941
Land rented or leased from others	farms..	1 922	11	316	-	5	311	301
acres..	125 835	2 654	22 558	-	850	21 708	11 219	5 674
Rented or leased land in farms	farms..	1 903	10	312	-	5	307	299
acres..	124 106	2 645	21 969	-	850	21 119	11 183	5 643
Land rented or leased to others	farms..	402	7	83	-	6	77	50
acres..	15 758	100	3 877	-	172	3 705	863	858
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated		4 918	19	816	-	9	807	530
Not on farm operated		960	4	95	-	4	91	105
Not reported		338	2	64	-	1	63	40
Operators by principal occupation:								
Farming		3 174	14	397	-	9	388	425
Other		3 042	11	578	-	5	573	253
Operators by days of work off farm:								
None		2 371	8	278	-	4	274	303
Any		3 516	13	625	-	9	616	336
1 to 99 days		552	2	86	-	1	85	91
100 to 199 days		681	4	131	-	1	130	112
200 days or more		2 283	7	408	-	7	401	168
Not reported		329	4	72	-	1	71	39
Operators by years on present farm:								
2 years or less		249	-	37	-	-	37	40
3 or 4 years		449	4	40	-	-	40	39
5 to 9 years		1 165	5	136	-	4	132	116
10 years or more		3 421	10	587	-	9	578	373
Average years on present farm		18.8	19.5	23.0	-	22.1	23.1	20.6
Not reported		932	6	175	-	1	174	110
Operators by age group:								
Under 25 years		50	-	10	-	-	10	16
25 to 34 years		590	2	64	-	-	64	85
35 to 44 years		1 477	11	179	-	3	176	135
45 to 49 years		687	2	99	-	1	98	52
50 to 54 years		642	1	96	-	2	94	49
55 to 59 years		642	1	93	-	1	92	80
60 to 64 years		663	3	113	-	3	110	85
65 to 69 years		595	2	122	-	2	120	69
70 years and over		870	3	199	-	2	197	107
Average age		52.6	49.5	56.2	-	55.8	56.2	52.9
Operators by sex:								
Male		5 415	24	897	-	13	884	633
Female		801	1	78	-	1	77	45
Operators of Spanish origin (see text)		24	-	5	-	-	5	3
FARMS BY TYPE OF ORGANIZATION								
Individual or family (sole proprietorship)	farms..	5 124	23	861	-	9	852	564
acres..	431 487	(D)	101 647	-	765	100 882	28 179	43 724
Partnership	farms..	481	2	75	-	1	74	69
acres..	73 006	(D)	12 273	-	(D)	(D)	6 072	10 151
Corporation:								
Family held	farms..	493	-	22	-	2	20	34
More than 10 stockholders	farms..	81 497	-	5 805	-	(D)	3 107	34 512
10 or less stockholders	farms..	4	-	-	-	-	-	2
More than 10 stockholders	farms..	489	-	22	-	2	20	129
10 or less stockholders	farms..	45	-	-	-	2	34	11
Other than family held	farms..	51	-	6	-	2	4	12
More than 10 stockholders	farms..	5 038	-	1 370	-	(D)	44	1 872
10 or less stockholders	farms..	6	-	1	-	1	-	1
Other—cooperative, estate or trust, institutional, etc.	farms..	67	-	11	-	-	11	3
acres..	24 157	-	2 951	-	-	-	2 951	166
See footnotes at end of table.								

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

(For meaning of abbreviations and symbols, see introductory text)

Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
			Total	Beef cattle, except feedlots (0212)				
TENURE AND RACE OF OPERATOR								
All operators	630	274	1 233	585	556	134	876	79
Full owners	492	207	906	420	147	111	536	53
Part owners	78	56	278	136	344	12	86	21
Tenants	60	11	48	28	85	11	54	5
White	630	272	1 227	583	553	133	674	79
Full owners	492	205	900	418	147	110	534	53
Part owners	78	56	278	136	343	12	86	21
Tenants	60	11	48	29	63	11	54	5
Black and other races	-	2	8	2	3	1	2	-
Full owners	-	2	6	2	-	1	2	-
Part owners	-	-	-	-	1	-	-	-
Tenants	-	-	-	-	2	-	-	-
OWNED AND RENTED LAND								
Land owned	farms	570	263	1 184	556	491	123	622
acres	14 236	18 989	104 487	51 956	101 877	6 727	24 351	9 683
Owned land in farms	farms	570	263	1 184	556	491	123	622
acres	13 844	18 579	99 390	49 025	100 328	6 443	23 353	9 397
Land rented or leased from others	farms	138	67	335	173	411	24	140
acres	3 502	4 573	14 984	8 800	51 879	1 787	4 932	2 073
Rented or leased land in farms	farms	138	67	327	165	409	23	140
acres	3 459	4 513	14 431	8 270	51 717	1 647	4 826	2 073
Land rented or leased to others	farms	27	25	109	87	25	8	31
acres	435	470	5 630	3 461	1 711	424	1 104	286
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	427	230	1 071	488	457	109	577	71
Not on farm operated	168	22	103	54	64	19	70	5
Not reported	35	22	59	32	35	6	29	3
Operators by principal occupation:								
Farming	362	73	460	218	507	73	287	36
Other	268	201	773	387	49	61	389	43
Operators by days of work off farm:								
None	322	75	327	160	406	58	215	18
Any	271	190	855	391	118	64	434	58
1 to 99 days	55	20	81	36	39	5	55	14
100 to 199 days	59	31	139	61	22	11	78	17
200 days or more	157	139	635	294	57	48	301	27
Not reported	37	9	51	34	32	12	27	3
Operators by years on present farm:								
2 years or less	16	11	37	15	9	2	45	4
3 or 4 years	40	5	99	34	41	7	96	6
5 to 9 years	124	45	236	81	77	32	162	22
10 years or more	365	182	649	317	333	70	303	43
Average years on present farm	18.3	21.2	17.8	19.9	22.2	17.5	12.9	18.2
Not reported	85	51	212	128	96	23	70	4
Operators by age group:								
Under 25 years	3	1	5	1	4	1	7	-
25 to 34 years	72	23	107	41	65	14	69	5
35 to 44 years	160	54	306	119	110	37	229	33
45 to 49 years	69	29	147	56	73	14	83	5
50 to 54 years	74	27	134	65	51	7	84	9
55 to 59 years	74	38	120	85	68	11	53	9
60 to 64 years	55	18	140	79	69	15	69	4
65 to 69 years	48	34	124	70	55	17	45	4
70 years and over	75	50	150	88	61	18	37	10
Average age	51.1	54.8	52.3	54.7	52.1	52.5	48.4	50.1
Operators by sex:								
Male	560	243	1 057	514	527	122	422	68
Female	70	31	176	71	29	12	254	11
Operators of Spanish origin (see text)	4	3	2	-	2	-	-	-
FARMS BY TYPE OF ORGANIZATION								
Individual or family (sole proprietorship)	farms	418	235	1 105	539	424	100	593
acres	9 302	16 996	88 795	50 817	103 148	(D)	22 908	5 989
Partnership	farms	48	25	72	31	76	4	33
acres	1 293	4 747	9 204	4 749	25 893	408	1 216	(D)
Corporation:								
Family held	farms	148	13	33	7	47	26	38
More than 10 stockholders	farms	5 984	(D)	8 661	(D)	17 285	2 099	2 491
10 or less stockholders	farms	148	13	33	7	45	26	38
Other than family held	farms	12	-	7	2	2	3	5
More than 10 stockholders	farms	112	-	399	(D)	(D)	(D)	134
10 or less stockholders	farms	12	-	2	-	-	1	-
Other—cooperative, estate or trust, institutional, etc.	farms	4	1	18	6	7	1	7
acres	612	(D)	5 582	918	(D)	(D)	1 429	5 089

See footnotes at end of table.

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text.]

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		
F FARMS BY SIZE								
1 to 9 acres	1 105	-	17	-	-	17	126	171
10 to 49 acres	2 125	8	264	-	5	259	300	381
50 to 69 acres	587	2	132	-	-	132	84	91
70 to 99 acres	538	5	125	-	-	125	67	66
100 to 139 acres	566	3	136	-	3	133	38	91
140 to 179 acres	324	1	74	-	2	72	21	39
180 to 219 acres	264	-	83	-	-	83	13	37
220 to 259 acres	163	-	35	-	2	33	10	13
260 to 499 acres	386	1	87	-	2	85	17	47
500 to 999 acres	126	3	19	-	-	19	1	11
1,000 to 1,999 acres	26	2	2	-	-	2	1	7
2,000 acres or more	5	-	1	-	-	1	-	2
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	25	25	-	-	-	-	-	-
Field crops, except cash grains (013)	975	-	975	-	14	961	-	-
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	14	-	14	-	14	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	961	-	961	-	-	961	-	-
Vegetables and melons (016)	678	-	-	-	-	-	678	-
Fruits and tree nuts (017)	956	-	-	-	-	-	-	956
Horticultural specialties (018)	630	-	-	-	-	-	-	-
General farms, primarily crop (019)	274	-	-	-	-	-	-	-
Livestock, except dairy, poultry, and animal specialties (021)	1 233	-	-	-	-	-	-	-
Beef cattle, except feedlots (0212)	585	-	-	-	-	-	-	-
Dairy farms (024)	558	-	-	-	-	-	-	-
Poultry and eggs (025)	134	-	-	-	-	-	-	-
Animal specialties (027)	676	-	-	-	-	-	-	-
General farms, primarily livestock and animal specialties (029)	79	-	-	-	-	-	-	-
L LIVESTOCK								
Cattle and calves inventory	farms number..	2 112	5	299	-	2	297	76
		83 065	180	3 707	(D)	(D)	727	44
Farms with—								605
1 to 9		951	3	189	-	-	189	56
10 to 49		657	1	102	1	101	17	37
50 to 99		264	-	5	-	5	3	6
100 to 199		169	1	2	-	2	-	-
200 to 499		66	-	1	1	-	-	1
500 or more		5	-	-	-	-	-	-
Cows and heifers that had calved	farms number..	1 757	4	205	-	2	203	52
		46 605	60	1 420	(D)	(D)	366	34
Beef cows	farms number..	1 124	4	183	-	-	183	337
		9 692	60	1 111	-	1 111	48	27
							293	317
Farms with—								
1 to 9		869	3	152	-	-	152	39
10 to 49		229	-	30	-	-	30	8
50 to 99		16	1	1	-	-	1	1
100 to 199		9	-	-	-	-	-	1
200 to 499		1	-	-	-	-	-	-
500 or more		-	-	-	-	-	-	-
Milk cows	farms number..	838	-	43	-	2	41	11
		36 913	-	309	(D)	(D)	73	9
Farms with—								20
1 to 4		256	-	37	-	1	36	9
5 to 9		38	-	3	-	-	3	1
10 to 49		249	-	1	-	-	1	-
50 to 99		193	-	1	-	-	1	-
100 to 199		86	-	1	1	-	-	-
200 to 499		16	-	-	-	-	-	-
500 or more		-	-	-	-	-	-	-
Heifers and heifer calves	farms number..	1 356	3	186	-	2	184	32
		26 865	37	1 426	(D)	(D)	154	17
Steers, steer calves, bulls, and bull calves	farms number..	1 170	4	185	-	1	184	42
		9 495	83	861	(D)	(D)	207	24
Cattle and calves sold	farms number..	1 725	3	194	-	2	192	44
		38 668	59	1 389	(D)	(D)	268	18
\$1,000..		11 297	21	507	(D)	(D)	78	160
Calves	farms number..	1 074	1	87	-	1	86	69
		20 745	(D)	471	(D)	(D)	125	15
\$1,000..		1 837	(D)	45	(D)	(D)	17	51
Cattle	farms number..	1 514	3	164	-	2	162	7
		18 923	(D)	918	(D)	(D)	143	11
\$1,000..		9 461	(D)	462	(D)	(D)	62	109
Fattened on grain and concentrates	farms number..	352	-	47	-	-	47	62
		2 712	-	127	-	-	15	3
\$1,000..		1 588	-	60	-	-	127	7
							60	2

See footnotes at end of table.

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Deiry farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
			Total	Beef cattle, except feedlots (0212)				
F FARMS BY SIZE								
1 to 9 acres	348	8	158	54	11	34	223	9
10 to 49 acres	193	119	427	164	41	54	303	35
50 to 69 acres	28	37	133	67	16	13	43	8
70 to 99 acres	25	27	125	72	43	9	43	4
100 to 139 acres	10	35	153	92	56	7	30	7
140 to 179 acres	12	22	82	50	56	6	7	4
180 to 219 acres	4	10	53	34	51	2	7	4
220 to 259 acres	4	8	28	13	53	4	6	2
260 to 499 acres	3	4	51	32	160	4	10	2
500 to 999 acres	3	3	18	7	60	1	4	2
1,000 to 1,999 acres	-	1	3	-	8	-	-	1
2,000 acres or more	-	-	1	-	-	-	-	1
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	-	-	-	-	-	-	-	-
Field crops, except cash grains (013)	-	-	-	-	-	-	-	-
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; lshh potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	-	-	-	-	-	-	-	-
Vegetables and melons (016)	-	-	-	-	-	-	-	-
Fruits and tree nuts (017)	-	-	-	-	-	-	-	-
Horticultural specialties (018)	630	-	-	-	-	-	-	-
General farms, primarily crop (019)	-	274	-	-	-	-	-	-
Livestock, except dairy, poultry, and animal specialties (021)	-	-	1 233	585	-	-	-	-
Beef cattle, except feedlots (0212)	-	-	585	585	-	-	-	-
Dairy farms (024)	-	-	-	-	556	-	-	-
Poultry and eggs (025)	-	-	-	-	-	134	-	-
Animal specialties (027)	-	-	-	-	-	-	676	-
General farms, primarily livestock and animal specialties (029)	-	-	-	-	-	-	-	79
L LIVESTOCK								
Cattle and calves inventory	farms number	19 139	82 684	890 17 683	551 11 203	546 58 139	23 263	61 198
Farms with—								
1 to 9	14	78	445	222	14	14	58	45
10 to 49	5	13	392	282	103	8	3	7
50 to 99	-	3	32	21	217	1	-	3
100 to 199	-	-	15	12	149	-	-	2
200 to 499	-	-	5	4	59	-	-	-
500 or more	-	-	1	-	4	-	-	-
Cows and heifers that had calved	farms number	16 83	71 446	721 7 089	448 5 155	544 36 110	18 179	46 119
Beef cows	farms number	16 83	61 341	638 6 517	384 4 753	58 570	15 169	39 111
Farms with—								
1 to 9	12	52	466	266	43	10	38	34
10 to 49	4	9	154	102	12	4	1	1
50 to 99	-	-	9	7	3	-	-	-
100 to 199	-	-	8	8	-	-	-	-
200 to 499	-	-	1	1	-	-	-	-
500 or more	-	-	-	-	-	-	-	-
Milk cows	farms number	- -	22 105	172 572	111 402	543 35 540	5 10	8 8
Farms with—								
1 to 4	-	18	142	88	11	5	8	18
5 to 9	-	2	20	15	9	-	-	2
10 to 49	-	2	10	8	232	-	-	4
50 to 99	-	-	-	-	191	-	-	-
100 to 199	-	-	-	-	84	-	-	1
200 to 499	-	-	-	-	16	-	-	-
500 or more	-	-	-	-	-	-	-	-
Heifers and heifer calves	farms number	7 32	41 130	531 5 531	359 3 559	475 19 169	10 42	24 43
Steers, steer calves, bulls, and bull calves	farms number	10 24	47 108	560 5 063	354 2 489	244 2 860	10 42	21 36
Cattle and calves sold	farms number	12 63	26 287	813 10 489	543 7 648	552 26 206	13 89	18 88
Calves	farms number	5 (D)	14 108	398 3 533	307 3 001	503 5 690	5 32	18 31
Cattle	farms number	10 (D)	20 91	703 3 835	461 2 375	507 4 668	11 23	30 27
Fattened on grain and concentrates	farms number	3 6	7 81	233 1 931	35 83	30 451	2 (D)	10 (D)
	\$1,000	2	35	1 204	41	213	(D)	79

See footnotes at end of table.

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text.]

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		
LIVESTOCK—Con.								
Hogs and pigs inventory	farms... number...	498 25 818	1 (D)	41 710	-	1 (D)	40 (D)	28 165
Farms with—								11 95
1 to 24		388	1	38	-	1	37	27
25 to 49		37	-	2	-	2	1	2
50 to 99		18	-	-	-	-	-	-
100 to 199		23	-	-	-	-	-	-
200 to 499		21	-	1	-	1	-	-
500 or more		11	-	-	-	-	-	-
Used or to be used for breeding	farms... number...	211 3 189	-	14 98	-	-	14 98	6 28
Other	farms... number...	444 22 627	1 (D)	36 612	-	1 (D)	35 (D)	10 137
Hogs and pigs sold	farms... number...	387 40 048	-	27 828	-	-	27 626	20 235
\$1,000...		4 220	-	54	-	-	54	9
Feeder pigs	farms... number...	98 9 091	-	5 133	-	-	5 133	2 (D)
\$1,000...		374	-	5	-	-	5	(D)
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	farms... number...	218 3 837	-	15 101	-	-	15 101	7 26
Dec. 1 and May 31	farms... number...	202 1 882	-	13 56	-	-	13 56	2 (D)
June 1 and Nov. 30	farms... number...	185 1 955	-	10 45	-	-	10 45	2 (D)
Sheep and lambs of all ages inventory	farms... number...	804 14 781	-	87 706	-	-	67 706	21 251
Ewes 1 year old or older	farms... number...	521 9 587	-	60 485	-	-	60 485	18 149
Sheep and lambs sold	farms... number...	493 11 548	-	51 481	-	-	51 461	17 118
Sheep and lambs shorn	farms... number...	511 13 038	-	59 631	-	-	59 631	19 194
pounds of wool...		95 098	-	5 017	-	-	5 017	1 717
Horses and ponies inventory	farms... number...	1 608 11 944	6 22	258 1 297	-	1 (D)	257 (D)	53 146
Horses and ponies sold	farms... number...	421 1 230	2 (D)	26 56	-	-	26 56	8 15
Goats inventory	farms... number...	279 2 756	-	36 134	-	-	36 134	7 60
Goats sold	farms... number...	88 1 187	-	7 36	-	-	7 36	1 (D)
POULTRY								
Chickens 3 months old or older inventory	farms... number...	738 1 502 202	1 (D)	77 2 880	-	1 (D)	76 (D)	72 5 189
Farms with—								35 1 020
1 to 399		679	1	76	-	1	75	69
400 to 3,199		32	-	1	-	1	1	3
3,200 to 9,999		7	-	-	-	-	-	-
10,000 to 19,999		4	-	-	-	-	-	-
20,000 to 49,999		7	-	-	-	-	-	-
50,000 to 99,999		4	-	-	-	-	-	-
100,000 or more		5	-	-	-	-	-	-
Hens and pullets of laying age	farms... number...	733 1 251 356	1 (D)	77 2 304	-	1 (D)	76 (D)	72 4 797
Pullets 3 months old or older not of laying age	farms... number...	95 250 846	-	7 376	-	-	7 376	6 392
Hens and pullets sold	farms... number...	192 1 185 566	-	11 973	-	-	11 973	10 1 096
Broilers and other meat-type chickens sold	farms... number...	37 (D)	1 (D)	-	-	-	-	3 135
Farms with—								2 (D)
1 to 1,999		34	1	-	-	-	-	3
2,000 to 59,999		3	-	-	-	-	-	-
60,000 to 99,999		-	-	-	-	-	-	-
100,000 or more		-	-	-	-	-	-	-
Turkey hens kept for breeding	farms... number...	25 2 140	-	1 (D)	-	-	1 (D)	-
Turkeys sold	farms... number...	86 153 714	1 (D)	5 61	-	-	5 61	6 748

See footnotes at end of table.

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Deiry farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
			Total	Beef cattle, except feedlots (0212)				
LIVESTOCK—Con.								
Hogs end pigs inventory	farms number	5 (D)	15 81	301 23 846	58 440	34 586	12 135	21 77
Farms with—								
1 to 24		5	14	203	51	30	11	21
25 to 49		-	1	28	6	2	1	-
50 to 99		-	-	18	1	-	-	-
100 to 199		-	-	22	-	1	-	-
200 to 499		-	-	19	-	1	-	-
500 or more		-	-	11	-	-	-	-
Used or to be used for breeding	farms number	1 (D)	7 45	155 2 886	19 119	12 83	3 17	4 8
Other	farms number	5 15	13 36	271 20 980	51 321	31 503	11 118	18 69
Hogs and pigs sold	farms number	2 (D)	5 214	276 37 789	34 648	18 713	11 205	6 (D)
Feeder pigs	farms number	- (D)	2 31	79 3 976	65 77	22 22	2 (D)	18 23
\$1,000—								
Sheep and lambs of all ages inventory	farms number	15 174	13 164	358 11 720	51 490	25 435	10 172	34 365
Ewes 1 year old or older	farms number	11 116	10 (D)	315 7 658	39 284	20 264	8 (D)	26 169
Sheep and lambs sold	farms number	10 66	7 122	313 9 729	32 266	16 260	7 96	20 176
Sheep and lambs shorn	farms number	14 124	8 124	313 10 690	34 348	15 305	8 132	25 277
pounds of wool		980 740		77 208	2 076	2 507	758	1 477
Horses and ponies inventory	farms number	27 73	136 653	343 1 368	165 652	71 292	34 131	594 7 651
Horses and ponies sold	farms number	2 (D)	1 (D)	26 51	6 13	7 12	2 (D)	329 1 056
Goats inventory	farms number	10 25	9 24	135 2 036	24 156	11 79	13 104	24 156
Goats sold	farms number	- (D)	- 1 013	73 48	8 9	3 (D)	2 81	25 110
POULTRY								
Chickens 3 months old or older inventory	farms number	25 (D)	37 14 592	261 7 564	88 2 034	44 5 461	96 1 458 846	49 621
Farms with—								
1 to 399		25	34	261	88	41	50	49
400 to 3,199		-	2	-	-	3	20	-
3,200 to 9,999		-	1	-	-	-	6	-
10,000 to 19,999		-	-	-	-	-	4	-
20,000 to 49,999		-	-	-	-	-	7	-
50,000 to 99,999		-	-	-	-	-	4	-
100,000 or more		-	-	-	-	-	5	-
Hens and pullets of laying age	farms number	25 823	36 6 426	259 6 886	87 1 722	44 4 611	94 1 219 245	49 (D)
Pullets 3 months old or older not of laying age	farms number	1 (D)	4 8 166	35 678	11 312	6 850	23 239 601	4 (D)
Hens and pullets sold	farms number	1 (D)	6 9 416	64 1 582	12 347	14 2 560	55 1 172 740	12 4 141
Broilers and other meat-type chickens sold	farms number	- (D)	- 448	18 160	4 132	3 50 650	4 50 650	- 765
Farms with—								
1 to 1,999		-	-	18	4	3	4	6
2,000 to 59,999		-	-	-	-	-	3	-
60,000 to 99,999		-	-	-	-	-	-	-
100,000 or more		-	-	-	-	-	-	-
Turkey hens kept for breeding	farms number	- (D)	2 17	8 -	-	-	9 2 037	2 (D)
Turkeys sold	farms number	- (D)	1 561	19 (D)	2 4	30 151 089	3 70	13 763

See footnotes at end of table.

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.a.c. (0133, 0134, 0139)		
CROPS HARVESTED								
Corn for silage or green chop	farms..	604	2	79	-	1	78	21
	acres..	28 643	(D)	1 776	-	(D)	(D)	357
Irrigated	tons, green..	524 819	(D)	31 472	-	(D)	(D)	4 542
	farms..	6	-	1	-	-	1	-
	acres..	89	-	(D)	-	-	(D)	-
Farms by acres harvested:								
1 to 24 acres		274	-	51	-	-	51	16
25 to 99 acres		250	1	25	-	-	25	5
100 to 249 acres		68	1	3	-	1	2	-
250 to 499 acres		9	-	-	-	-	-	-
500 acres or more		2	-	-	-	-	-	-
Irish potatoes	farms..	93	1	31	-	1	30	42
	acres..	2 628	(D)	2 102	-	(D)	(D)	157
Irrigated	cwt..	615 427	(D)	488 560	-	(D)	(D)	30 735
	farms..	15	-	4	-	-	4	11
	acres..	150	-	117	-	-	117	33
Farms by acres harvested:								
0.1 to 4.9 acres		50	-	7	-	-	7	30
5.0 to 24.9 acres		23	-	8	-	1	7	12
25.0 to 99.9 acres		15	1	12	-	-	12	-
100.0 to 249.9 acres		3	-	2	-	-	2	-
250.0 acres or more		2	-	2	-	-	2	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms..	2 874	14	930	-	4	926	128
	acres..	121 498	566	37 608	-	363	37 245	92
Irrigated	tons, dry..	250 559	1 249	72 482	-	609	71 873	2 883
	farms..	24	-	4	-	-	4	1 651
	acres..	339	-	76	-	-	76	3 139
Farms by acres harvested:								
1 to 24 acres		1 542	9	432	-	2	430	96
25 to 99 acres		1 013	4	419	-	1	418	23
100 to 249 acres		265	1	67	-	-	67	14
250 to 499 acres		48	-	12	-	1	11	2
500 acres or more		6	-	-	-	-	-	-
Tame hay other than alfalfa, small grain, and wild hay (see text)	farms..	1 699	8	533	-	1	532	85
	acres..	60 650	242	19 844	-	(D)	(D)	1 908
Irrigated	tons, dry..	120 497	436	37 379	-	(D)	(D)	2 919
	farms..	11	-	1	-	-	1	1 512
	acres..	219	-	(D)	-	-	(D)	-
Vegetables harvested for sale (see text)	farms..	1 008	-	54	-	2	52	678
	acres..	16 325	-	242	-	(D)	(D)	13 452
Irrigated	farms..	312	-	9	-	-	9	442
	acres..	4 750	-	21	-	-	21	27
Farms by acres harvested:								
0.1 to 4.9 acres		438	-	40	-	1	39	241
5.0 to 24.9 acres		386	-	12	-	1	11	288
25.0 to 99.9 acres		156	-	2	-	-	2	2
100.0 to 249.9 acres		26	-	-	-	-	-	25
250.0 acres or more		2	-	-	-	-	-	2
Sweet corn harvested for sale	farms..	596	-	28	-	1	27	419
	acres..	8 444	-	139	-	(D)	(D)	6 875
Irrigated	farms..	163	-	4	-	-	4	119
	acres..	2 042	-	10	-	-	10	1 735
Land in orchards	farms..	572	-	33	-	1	32	84
	acres..	9 379	-	97	-	(D)	(D)	542
Irrigated	farms..	57	-	-	-	-	-	15
	acres..	287	-	-	-	-	-	30
Farms by bearing and nonbearing acres:								
0.1 to 4.9 acres		269	-	26	-	1	25	46
5.0 to 24.9 acres		201	-	7	-	-	7	35
25.0 to 99.9 acres		82	-	-	-	-	-	3
100.0 to 249.9 acres		18	-	-	-	-	-	76
250.0 acres or more		2	-	-	-	-	-	18
Berries harvested for sale	farms..	890	-	17	-	-	17	119
	acres..	13 385	-	22	-	-	22	229
Irrigated	farms..	646	-	3	-	-	3	49
	acres..	12 499	-	8	-	-	8	109

See footnotes at end of table.

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text.]

Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Beef cattle, except feedlots (0212)	Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
			Total						
CROPS HARVESTED									
Corn for silage or green chop	farms..	3	12	95	57	366	4	4	9
	acres..	(D)	125	3 163	912	22 428	35	12	394
Irrigated	farms..	-	1	1	-	422 703	605	248	6 430
	acres..	(D)	(D)	(D)	-	30	-	-	-
Farms by acres harvested:									
1 to 24 acres	farms..	3	11	76	48	96	4	4	6
25 to 99 acres	farms..	-	1	15	7	199	-	-	2
100 to 249 acres	farms..	-	-	3	2	61	-	-	1
250 to 499 acres	farms..	-	-	-	-	9	-	-	-
500 acres or more	farms..	-	-	1	-	1	-	-	-
Irish potatoes	farms..	4	5	8	5	1	-	-	1
	acres..	232	97	11	10	(D)	-	-	(D)
Irrigated	farms..	69	281	20 119	805	744	(D)	-	(D)
	acres..	-	-	-	-	-	-	-	-
Farms by acres harvested:									
0.1 to 4.9 acres	farms..	3	1	7	4	1	-	-	1
5.0 to 24.9 acres	farms..	-	2	1	1	-	-	-	-
25.0 to 99.9 acres	farms..	-	2	-	-	-	-	-	-
100.0 to 249.9 acres	farms..	1	-	-	-	-	-	-	-
250.0 acres or more	farms..	-	-	-	-	-	-	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms..	41	248	707	381	480	42	132	60
	acres..	580	4 787	19 279	11 622	48 611	533	3 104	1 896
Irrigated	farms..	909	6 103	33 700	18 947	118 947	761	4 646	4 225
	acres..	-	-	-	-	-	-	-	-
Farms by acres harvested:									
1 to 24 acres	farms..	33	197	467	222	58	36	95	43
25 to 99 acres	farms..	8	44	216	147	236	5	31	13
100 to 249 acres	farms..	-	7	20	9	151	1	4	3
250 to 499 acres	farms..	-	-	3	3	31	-	2	-
500 acres or more	farms..	-	-	1	-	4	-	-	1
Tame hay other than alfalfa, small grain, and wild hay (see text)	farms..	18	127	409	231	337	21	72	34
	acres..	371	2 126	10 105	6 366	22 183	282	1 666	1 131
Irrigated	farms..	597	2 582	17 433	11 033	52 450	368	2 486	2 335
	acres..	-	-	(D)	(D)	-	(D)	-	-
Vegetables harvested for sale (see text)	farms..	62	53	28	10	32	14	-	13
	acres..	698	667	86	50	391	272	-	65
Irrigated	farms..	25	17	3	-	4	1	-	2
	acres..	206	294	14	-	72	(D)	-	(D)
Farms by acres harvested:									
0.1 to 4.9 acres	farms..	32	26	25	8	11	8	-	10
5.0 to 24.9 acres	farms..	18	17	2	1	17	3	-	2
25.0 to 99.9 acres	farms..	12	10	1	1	4	2	-	1
100.0 to 249.9 acres	farms..	-	-	-	-	-	1	-	-
250.0 acres or more	farms..	-	-	-	-	-	-	-	-
Sweet corn harvested for sale	farms..	28	32	15	6	24	7	-	8
	acres..	378	247	29	9	312	200	-	43
Irrigated	farms..	11	10	1	-	4	1	-	2
	acres..	95	97	(D)	-	57	(D)	-	(D)
Land in orchards	farms..	18	16	35	16	6	14	10	10
	acres..	113	96	62	33	20	47	26	102
Irrigated	farms..	5	2	-	-	-	3	-	1
	acres..	10	(D)	-	-	-	9	-	(D)
Farms by bearing and nonbearing acres:									
0.1 to 4.9 acres	farms..	11	12	30	13	4	10	10	7
5.0 to 24.9 acres	farms..	8	3	5	3	2	4	-	1
25.0 to 99.9 acres	farms..	-	1	-	-	-	-	-	2
100.0 to 249.9 acres	farms..	-	-	-	-	-	-	-	-
250.0 acres or more	farms..	-	-	-	-	-	-	-	-
Berries harvested for sale	farms..	28	21	8	3	6	8	2	8
	acres..	53	58	5	1	42	6	(D)	(D)
Irrigated	farms..	14	9	-	-	-	1	3	5
	acres..	37	35	-	-	(D)	3	(D)	(D)

*Data are based on a sample of farms.

†Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than \$1,000.

Table 1. County Summary Highlights: 1987

[For meaning of abbreviations and symbols, see introductory text]

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
Farms—number	6 216	158	392	675	58	439	616
Land in farms—acres	615 185	(D)	70 792	42 562	7 314	30 940	82 864
Average size of farm—acres	99	(D)	181	63	126	70	135
Value of land and buildings ¹ :							
Average per farm—dollars	346 530	319 338	386 964	267 392	460 328	462 670	244 320
Average per acre—dollars	3 553	13 288	2 009	4 451	3 650	6 754	2 090
Estimated market value of all machinery and equipment ¹ :							
Average per farm—dollars	32 039	31 149	30 510	26 978	16 377	33 053	26 903
Farms by size:							
1 to 9 acres	1 105	70	39	148	16	101	60
10 to 49 acres	2 125	65	91	250	19	184	156
50 to 179 acres	2 016	18	134	229	17	108	245
180 to 499 acres	813	4	89	43	1	39	139
500 to 999 acres	126	1	34	5	3	6	15
1,000 acres or more	31	—	5	—	2	1	1
Total cropland—farms	5 654	149	361	615	50	389	578
Harvested cropland—farms	272 588	1 864	31 934	20 987	2 200	16 730	33 548
Irrigated land—farms	5 084	134	326	526	43	345	535
acres	194 874	(D)	22 280	14 554	709	12 714	23 715
Market value of agricultural products sold—\$1,000	340 464	6 800	17 564	29 971	(D)	17 034	24 575
Average per farm—dollars	54 772	43 041	44 805	44 401	(D)	38 803	39 895
Crops, including nursery and greenhouse crops—\$1,000	215 855	6 377	4 430	19 189	(D)	12 240	11 081
Livestock, poultry, and their products—\$1,000	124 609	423	13 134	10 782	(D)	4 794	13 494
Farms by value of sales:							
Less than \$2,500	2 167	30	158	254	23	156	227
\$2,500 to \$4,999	830	21	67	64	10	50	89
\$5,000 to \$9,999	720	20	29	73	9	61	73
\$10,000 to \$24,999	770	33	35	108	10	51	57
\$25,000 to \$49,999	494	17	28	57	3	50	52
\$50,000 to \$99,999	515	25	22	55	2	27	54
\$100,000 or more	720	12	53	64	1	44	64
Operators by principal occupation:							
Farming—farms	3 174	85	195	358	30	227	313
Other—farms	3 042	73	197	317	28	212	303
Operators by days worked off farm:							
Any—farms	3 516	84	200	350	34	239	362
200 days or more—farms	2 283	50	137	245	21	148	232
Average age of operator—years	52.6	52.3	53.5	52.0	52.9	54.1	50.2
Total farm production expenses ¹ —\$1,000	251 496	4 663	13 371	20 696	747	12 946	17 700
Average per farm—dollars	40 460	29 701	33 937	30 752	12 885	29 490	28 734
Livestock and poultry:							
Cattle and calves inventory—farms	2 112	11	214	254	15	95	296
number	83 065	(D)	11 715	8 154	177	3 372	13 444
Beef cows—farms	1 124	8	114	133	7	60	125
number	9 692	(D)	1 197	1 155	53	510	700
Milk cows—farms	838	2	92	88	7	30	151
number	36 913	(D)	5 282	3 982	17	1 278	6 475
Cattle and calves sold—farms	1 725	8	197	198	11	83	251
number	39 668	(D)	5 589	4 319	80	1 957	5 524
Hogs and pigs inventory—farms	498	3	34	90	8	20	56
number	25 816	17	199	5 017	41	561	556
Hogs and pigs sold—farms	387	1	23	65	7	18	44
number	40 048	(D)	388	9 279	126	1 719	1 145
Sheep and lambs inventory—farms	604	13	45	56	21	43	60
number	14 761	128	783	926	1 281	573	1 353
Chickens 3 months old or older inventory—farms	738	25	43	77	17	58	67
number	1 502 202	(D)	153 423	130 005	(D)	51 258	17 585
Broilers and other meat-type chickens sold—farms	37	2	1	7	1	4	9
number	(D)	(D)	(D)	(D)	(D)	(D)	204
Selected crops harvested:							
Corn for grain or seed—farms	152	—	18	13	1	5	24
acres	5 681	—	836	338	(D)	205	1 012
bushels	626 829	—	85 677	26 146	(D)	12 050	124 736
Corn for silage or green chop—farms	604	1	64	90	1	19	100
acres	28 643	(D)	4 131	2 731	(D)	757	3 923
tons, green	524 819	(D)	74 464	43 827	(D)	14 886	80 669
Irish potatoes—farms	93	2	4	7	4	7	23
acres	2 628	(D)	(D)	(D)	299	(D)	744
cwt	615 427	(D)	(D)	(D)	(D)	(D)	158 131
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)—farms	2 874	7	270	273	21	187	393
acres	121 498	(D)	17 720	8 089	499	9 286	15 587
tons, dry	250 559	(D)	37 707	14 968	685	17 273	34 501
Vegetables harvested for sale (see text)—farms	1 008	20	46	138	11	95	99
acres	16 325	249	510	2 560	78	1 852	1 403
Land in orchards—farms	572	9	27	53	7	29	61
acres	9 379	38	250	422	80	484	1 157

See footnotes at end of table.

Table 1. County Summary Highlights: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text.]

Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester	
Farms-----	490	624	569	12	212	775	5	1 191	
Land in farms-----	46 747	64 567	38 709	819	13 124	77 140	(D)	134 689	
Average size of farm-----	95	103	68	68	62	100	(D)	113	
Value of land and buildings ¹ :-----									
Average per farm-----	283 605	259 069	313 826	(D)	287 080	397 271	(D)	443 586	
Average per acre-----	2 919	2 601	4 960	(D)	5 100	3 963	(D)	3 761	
Estimated market value of all machinery and equipment ¹ :-----									
Average per farm-----	29 365	28 932	34 291	38 683	27 426	47 368	17 492	31 010	
Farms by size:-----									
1 to 9 acres-----	74	95	132	6	58	158	4	144	
10 to 49 acres-----	160	209	213	2	82	342	1	351	
50 to 179 acres-----	178	211	168	2	57	185	—	468	
180 to 499 acres-----	67	90	53	2	12	71	—	203	
500 to 999 acres-----	10	15	5	—	2	9	—	21	
1,000 acres or more-----	1	4	—	—	1	10	—	6	
Total cropland-----	451	563	481	10	183	723	4	1 097	
Harvested cropland-----	18 577	34 104	20 266	518	6 567	23 481	10	61 802	
Irrigated land-----	404	528	438	10	159	668	4	964	
Farms-----	14 014	24 290	15 064	441	4 003	19 360	(D)	42 309	
Acres-----	67	46	129	10	56	465	4	100	
Market value of agricultural products sold-----	801	449	1 253	439	338	11 028	(D)	838	
\$1,000-----	19 056	27 532	49 860	2 141	13 240	77 374	(D)	54 309	
Average per farm-----	38 889	44 122	87 828	178 456	62 454	99 837	(D)	45 599	
Crops, including nursery and greenhouse crops-----	\$1,000-----	13 357	15 957	28 964	(D)	9 044	73 225	329	19 063
Livestock, poultry, and their products-----	\$1,000-----	5 698	11 575	20 886	(D)	4 196	4 149	(D)	35 246
Farms by value of sales:-----									
Less than \$2,500-----	200	209	189	4	63	178	1	475	
\$2,500 to \$4,999-----	80	105	65	—	33	77	—	169	
\$5,000 to \$9,999-----	52	82	75	—	40	82	1	123	
\$10,000 to \$24,999-----	50	74	65	2	20	135	—	130	
\$25,000 to \$49,999-----	25	45	57	2	18	66	—	74	
\$50,000 to \$99,999-----	32	47	52	2	20	80	2	95	
\$100,000 or more-----	51	62	66	2	18	157	1	125	
Operators by principal occupation:-----									
Farming-----	248	307	290	7	107	440	1	566	
Other-----	242	317	279	5	105	335	4	625	
Operators by days worked off farm:-----									
Any-----	278	350	324	9	119	459	2	706	
200 days or more-----	186	235	184	3	81	275	1	485	
Average age of operator-----	years-----	54.7	54.0	52.6	44.8	53.0	47.4	52.2	
Total farm production expenses ¹ :-----	\$1,000-----	15 823	21 234	39 445	1 926	9 195	48 394	256	45 099
Average per farm-----	dollars-----	32 227	34 063	69 202	160 514	43 372	62 364	51 246	37 898
Livestock and poultry:-----									
Cattle and calves inventory-----	farms-----	186	255	134	1	47	93	—	511
number-----	5 582	10 762	4 351	(D)	1 496	4 539	—	18 342	
Beef cows-----	farms-----	113	121	85	1	35	52	—	270
number-----	1 039	872	966	(D)	256	(D)	—	2 497	
Milk cows-----	farms-----	67	112	38	—	18	29	—	204
number-----	2 353	5 271	1 494	—	597	(D)	—	8 933	
Cattle and calves sold-----	farms-----	134	208	106	1	43	66	—	419
number-----	2 256	5 028	2 232	(D)	660	2 117	—	9 855	
Hogs and pigs inventory-----	farms-----	40	32	54	—	14	27	—	120
number-----	248	2 808	5 080	—	787	3 152	—	7 350	
Hogs and pigs sold-----	farms-----	25	20	50	—	11	29	—	94
number-----	(D)	4 645	8 739	—	567	5 570	—	7 552	
Sheep and lambs inventory-----	farms-----	36	58	65	—	28	47	—	132
number-----	662	2 297	2 302	—	797	639	—	3 020	
Chickens 3 months old or older inventory-----	farms-----	65	65	71	1	31	67	—	151
number-----	24 563	4 826	85 074	(D)	5 149	3 682	—	1 014 621	
Broilers and other meat-type chickens sold-----	farms-----	3	1	—	—	2	1	—	6
number-----	200	(D)	—	—	(D)	(D)	—	(D)	
Selected crops harvested:-----									
Corn for grain or seed-----	farms-----	13	39	11	—	2	2	—	24
acres-----	329	2 025	162	—	(D)	(D)	—	593	
bushels-----	29 750	261 078	17 111	—	(D)	(D)	—	55 306	
Corn for silage or green chop-----	farms-----	56	78	28	—	5	18	—	144
acres-----	2 646	4 200	1 211	—	(D)	2 206	—	6 623	
tons, green-----	44 465	75 040	22 318	—	(D)	37 155	—	128 685	
Irish potatoes-----	farms-----	5	20	3	2	3	4	—	9
acres-----	(D)	1 436	3	(D)	800	280	—	1 095	
cwt-----	370 521	280	(D)	—	—	—	—	—	
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)-----	farms-----	255	336	211	1	81	142	—	697
acres-----	7 688	13 534	9 810	(D)	3 295	5 462	—	30 440	
tons, dry-----	15 119	29 850	17 981	(D)	5 698	10 987	—	65 586	
Vegetables harvested for sale (see text)-----	farms-----	76	136	128	4	36	68	—	151
acres-----	1 674	2 237	2 273	137	287	1 040	—	2 026	
Land in orchards-----	farms-----	68	44	74	2	20	30	1	147
acres-----	923	943	1 327	(D)	158	138	(D)	3 443	

¹Data are based on a sample of farms.

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text)							
farms, 1987	6 216	158	392	675	58	439	616
1982	5 401	123	352	597	40	372	521
\$1,000, 1987	340 464	6 800	17 564	29 971	(D)	17 034	24 575
1982	281 436	3 989	16 542	28 260	688	13 920	21 555
Average per farm							
dollars, 1987	54 772	43 041	44 805	44 401	(D)	38 803	39 895
1982	52 108	32 432	46 994	47 337	17 210	37 418	41 372
1987 value of sales:							
Less than \$1,000	1 133	17	74	142	9	75	116
\$1,000	254	4	22	32	(D)	16	33
\$1,000 to \$2,499	farms	13	84	112	14	81	111
\$1,000	1 642	20	139	177	(D)	135	182
\$2,500 to \$4,999	farms	21	67	64	10	50	89
\$1,000	830	78	228	220	32	178	323
\$5,000 to \$9,999	farms	720	29	73	9	61	73
\$1,000	4 961	140	203	514	(D)	404	500
\$10,000 to \$19,999	farms	591	26	73	9	42	44
\$1,000	8 193	(D)	347	1 014	(D)	561	650
\$20,000 to \$24,999	farms	5	9	35	1	9	13
\$1,000	3 941	(D)	205	762	(D)	197	286
\$25,000 to \$39,999	farms	11	24	39	1	35	42
\$1,000	11 233	(D)	732	1 179	(D)	1 119	1 381
\$40,000 to \$49,999	farms	6	4	18	2	15	10
\$1,000	6 162	(D)	172	825	(D)	661	451
\$50,000 to \$99,999	farms	515	25	55	2	27	54
\$1,000	38 797	(D)	1 692	3 955	(D)	1 901	4 200
\$100,000 to \$249,999	farms	7	34	45	1	30	47
\$1,000	475	1 059	5 458	6 799	(D)	4 503	7 523
\$250,000 to \$499,999	farms	3	14	10	-	9	11
\$1,000	73 705	(D)	4 635	3 576	-	3 239	3 970
\$500,000 or more	farms	50 202	(D)	5	9	5	6
\$1,000	97	(D)	140 462	3 731	10 919	-	4 120
1982 value of sales ¹ :							
Less than \$1,000	farms	780	11	60	77	6	73
\$1,000	238	3	17	(D)	(D)	(D)	26
\$1,000 to \$2,499	farms	842	15	63	90	6	47
\$1,000	1 344	22	100	153	(D)	74	139
\$2,500 to \$4,999	farms	706	18	43	93	8	56
\$1,000	2 480	63	155	328	(D)	198	213
\$5,000 to \$9,999	farms	655	21	39	67	8	37
\$1,000	4 632	147	275	500	(D)	268	483
\$10,000 to \$19,999	farms	525	18	33	67	6	45
\$1,000	7 400	257	436	997	87	631	494
\$20,000 to \$24,999	farms	165	6	7	18	1	11
\$1,000	3 625	(D)	153	389	(D)	244	421
\$25,000 to \$39,999	farms	364	8	14	39	2	23
\$1,000	11 434	(D)	443	1 234	(D)	717	902
\$40,000 to \$49,999	farms	162	4	6	19	-	11
\$1,000	7 159	(D)	257	856	-	484	465
\$50,000 to \$99,999	farms	544	11	25	66	2	32
\$1,000	38 800	(D)	1 840	4 654	(D)	2 219	5 113
\$100,000 to \$249,999	farms	431	7	44	47	-	23
\$1,000	64 060	(D)	6 677	6 928	-	3 512	6 092
\$250,000 to \$499,999	farms	139	1	17	6	1	8
\$1,000	47 007	(D)	(D)	2 004	(D)	2 623	4 806
\$500,000 or more	farms	71	1	1	7	-	5
\$1,000	81 907	(D)	(D)	10 130	-	2 829	2 399
Sales by commodity or commodity group:							
Crops, including nursery and greenhouse							
crops	farms, 1987	3 820	129	187	385	34	283
	1982	3 260	102	181	357	25	215
	\$1,000, 1987	215 855	6 377	4 430	19 189	462	12 240
	1982	139 428	(D)	2 689	11 920	318	7 485
Grains	farms, 1987	78	-	7	5	1	2
	1982	86	-	12	5	-	19
	\$1,000, 1987	785	-	109	(D)	(D)	112
	1982	836	-	199	(D)	(D)	113
Corn for grain	farms, 1987	67	-	7	4	-	2
	1982	51	-	8	2	-	11
	\$1,000, 1987	729	-	101	16	-	(D)
	1982	(D)	-	175	(D)	-	108
Wheat	farms, 1987	3	-	2	-	-	-
	1982	3	-	1	-	-	-
	\$1,000, 1987	(D)	-	(D)	-	-	-
	1982	(D)	-	(D)	-	-	-
Soybeans	farms, 1987	-	-	-	-	-	-
	1982	3	-	1	-	-	-
	\$1,000, 1987	-	-	-	-	-	-
Sorghum for grain	farms, 1987	-	-	(D)	-	-	-
	1982	-	-	-	-	-	-
	\$1,000, 1987	-	-	-	-	-	-
	1982	-	-	-	-	-	-
Barley	farms, 1987	-	-	(NA)	(NA)	(NA)	(NA)
	1982	-	-	(NA)	(NA)	(NA)	(NA)
	\$1,000, 1987	-	-	-	-	-	-
Oats	farms, 1987	5	-	2	-	1	2
	1982	3	-	2	-	-	-
	\$1,000, 1987	(D)	-	(D)	-	(D)	-
	1982	(D)	-	(D)	-	-	-
Other grains ²	farms, 1987	7	-	-	1	-	2
	1982	31	-	4	3	-	7
	\$1,000, 1987	39	-	-	-	-	(D)
	1982	52	-	6	(D)	-	5

See footnotes at end of table.

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text.]

Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ----- farms, 1987-----	490	624	569	12	212	775	5	1 191
----- 1982-----	392	559	567	6	205	649	4	1 014
\$1,000, 1987-----	19 056	27 532	49 860	2 141	13 240	77 374	(D)	54 309
----- 1982-----	15 572	25 483	45 543	327	9 121	52 964	152	47 319
Average per farm ----- dollars, 1987-----	38 889	44 122	87 628	178 456	62 454	99 837	(D)	45 599
----- 1982-----	39 724	45 586	80 324	54 538	44 494	81 609	38 005	46 666
1987 value of sales:								
Less than \$1,000 ----- farms-----	120	113	106	-	31	83	1	246
----- \$1,000-----	23	25	22	-	8	16	-	49
\$1,000 to \$2,499 ----- farms-----	80	96	83	4	32	95	-	229
----- \$1,000-----	129	148	131	(D)	48	145	-	363
\$2,500 to \$4,999 ----- farms-----	80	105	65	-	33	77	-	169
----- \$1,000-----	268	358	235	-	120	263	-	608
\$5,000 to \$9,999 ----- farms-----	52	82	75	-	40	82	1	123
----- \$1,000-----	335	570	500	-	267	593	(D)	872
\$10,000 to \$19,999 ----- farms-----	43	56	58	2	13	101	-	96
----- \$1,000-----	(D)	796	805	(D)	179	1 416	-	1 261
\$20,000 to \$24,999 ----- farms-----	7	18	7	-	7	34	-	34
----- \$1,000-----	(D)	390	159	-	162	740	-	758
\$25,000 to \$39,999 ----- farms-----	22	27	42	2	14	50	-	47
----- \$1,000-----	(D)	822	1 321	(D)	466	1 530	-	1 520
\$40,000 to \$49,999 ----- farms-----	3	18	15	-	4	16	-	27
----- \$1,000-----	(D)	794	673	-	(D)	718	-	1 170
\$50,000 to \$99,999 ----- farms-----	32	47	52	2	20	80	2	95
----- \$1,000-----	(D)	3 285	3 457	(D)	(D)	5 760	(D)	6 809
\$100,000 to \$249,999 ----- farms-----	34	43	38	-	9	104	1	82
----- \$1,000-----	(D)	6 627	5 859	-	(D)	15 941	(D)	12 678
\$250,000 to \$499,999 ----- farms-----	13	10	16	-	2	28	-	32
----- \$1,000-----	(D)	3 663	5 571	-	(D)	9 221	-	10 430
\$500,000 or more ----- farms-----	4	9	12	2	7	25	-	11
----- \$1,000-----	4 759	10 055	31 127	(D)	8 515	41 031	-	17 791
1982 value of sales ¹ :								
Less than \$1,000 ----- farms-----	72	89	88	-	25	74	-	126
----- \$1,000-----	25	32	21	-	7	26	-	(D)
\$1,000 to \$2,499 ----- farms-----	54	82	82	1	37	74	-	203
----- \$1,000-----	87	126	135	(D)	62	117	-	319
\$2,500 to \$4,999 ----- farms-----	52	70	74	1	36	66	-	127
----- \$1,000-----	186	237	258	(D)	126	234	-	451
\$5,000 to \$9,999 ----- farms-----	56	68	70	-	23	76	1	120
----- \$1,000-----	392	490	476	-	147	538	(D)	846
\$10,000 to \$19,999 ----- farms-----	26	60	61	-	20	63	-	91
----- \$1,000-----	395	827	864	-	259	874	-	1 279
\$20,000 to \$24,999 ----- farms-----	13	13	13	-	5	34	-	25
----- \$1,000-----	280	294	282	-	108	733	-	561
\$25,000 to \$39,999 ----- farms-----	33	46	32	-	20	53	2	64
----- \$1,000-----	1 020	1 477	1 023	-	635	1 632	(D)	1 986
\$40,000 to \$49,999 ----- farms-----	6	20	21	1	4	23	-	36
----- \$1,000-----	263	889	919	(D)	184	997	-	1 617
\$50,000 to \$99,999 ----- farms-----	34	46	55	2	19	77	1	103
----- \$1,000-----	2 221	3 356	3 929	(D)	1 398	5 515	(D)	7 499
\$100,000 to \$249,999 ----- farms-----	31	41	41	1	8	64	-	82
----- \$1,000-----	5 244	5 682	5 960	(D)	1 262	9 514	-	11 891
\$250,000 to \$499,999 ----- farms-----	14	13	15	-	4	22	-	24
----- \$1,000-----	(D)	4 134	5 424	-	1 205	7 534	-	8 092
\$500,000 or more ----- farms-----	1	7	11	-	4	19	-	11
----- \$1,000-----	(D)	7 627	26 063	-	3 727	24 933	-	12 440
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ----- farms, 1987-----	288	387	374	10	129	623	3	632
----- 1982-----	220	332	370	6	132	486	4	549
\$1,000, 1987-----	13 357	15 957	28 964	2 137	9 044	73 225	329	19 063
----- 1982-----	8 758	9 908	24 114	(D)	5 941	44 244	152	13 005
Grains ----- farms, 1987-----	6	24	5	-	1	1	-	7
----- 1982-----	5	33	3	-	2	3	-	3
\$1,000, 1987-----	(D)	384	23	-	(D)	(D)	-	73
----- 1982-----	6	478	(D)	-	(D)	(D)	-	(D)
Corn for grain ----- farms, 1987-----	5	21	5	-	1	1	-	6
----- 1982-----	3	19	1	-	1	3	-	2
\$1,000, 1987-----	36	(D)	23	-	(D)	(D)	-	(D)
----- 1982-----	(D)	447	(D)	-	(D)	(D)	-	(D)
Wheat ----- farms, 1987-----	-	-	-	-	-	-	-	1
----- 1982-----	-	-	1	-	-	-	-	-
\$1,000, 1987-----	-	-	-	-	-	-	-	(D)
----- 1982-----	-	-	(D)	-	-	-	-	-
Soybeans ----- farms, 1987-----	-	-	-	-	-	-	-	-
----- 1982-----	-	1	-	-	-	-	-	1
\$1,000, 1987-----	-	-	-	-	-	-	-	-
----- 1982-----	-	(D)	-	-	-	-	-	(D)
Sorghum for grain ----- farms, 1987-----	-	-	-	-	-	-	-	-
----- 1982-----	-	-	-	-	-	-	-	-
\$1,000, 1987-----	-	-	-	-	-	-	-	-
----- 1982-----	-	-	-	-	-	-	-	-
Barley ----- farms, 1987-----	-	-	-	-	-	-	-	-
----- 1982-----	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 1987-----	-	-	-	-	-	-	-	-
----- 1982-----	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oats ----- farms, 1987-----	-	-	-	-	-	-	-	-
----- 1982-----	-	-	-	-	-	-	-	1
\$1,000, 1987-----	-	-	-	-	-	-	-	-
----- 1982-----	-	-	-	-	-	-	-	(D)
Other grains ² ----- farms, 1987-----	1	3	-	-	-	-	-	-
----- 1982-----	2	13	1	-	1	-	-	-
\$1,000, 1987-----	(D)	(D)	-	-	(D)	-	-	-
----- 1982-----	(D)	(D)	(D)	-	(D)	-	-	-

See footnotes at end of table.

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.							
Total sales (see text)—Con.							
Sales by commodity or commodity group—Con.							
Crops, including nursery and greenhouse crops—Con.							
Cotton and cottonseed							
farms, 1987—	-	-	-	-	-	-	-
1982—	-	-	-	-	-	-	-
\$1,000, 1987—	-	-	-	-	-	-	-
1982—	46						
Tobacco							
farms, 1987—	21						5
1982—	46						9
\$1,000, 1987—	4 587						162
1982—	2 494						74
Hay, silage, and field seeds							
farms, 1987—	1 569		119	141	10	118	205
1982—	1 248	1	122	118	8	84	151
\$1,000, 1987—	7 803		932	678	26	875	820
1982—	5 624	(D)	563	642	54	428	565
Vegetables, sweet corn, and melons							
farms, 1987—	1 007	20	46	138	11	95	99
1982—	1 011	22	43	156	13	89	90
\$1,000, 1987—	25 179	(D)	542	3 747	224	2 436	2 371
1982—	19 199	218	(D)	3 042	178	1 869	1 663
Fruits, nuts, and berries							
farms, 1987—	1 186	88	31	94	7	63	66
1982—	1 002	67	23	93	6	45	51
\$1,000, 1987—	92 349	4 074	(D)	2 497	28	624	3 188
1982—	60 925	2 869	430	1 967	(D)	648	2 201
Nursery and greenhouse crops							
farms, 1987—	824	42	32	86	12	85	54
1982—	716	27	25	87	7	72	42
\$1,000, 1987—	80 867	1 962	2 328	12 135	179	8 268	3 427
1982—	46 465	655	1 007	6 065	78	4 517	3 134
Other crops							
farms, 1987—	114	3	3	7	4	10	24
1982—	134	1	6	14	1	10	20
\$1,000, 1987—	4 285	(D)	(D)	(D)	(D)	(D)	1 001
1982—	3 884	(D)	(D)	(D)	(D)	(D)	876
Livestock, poultry, and their products							
farms, 1987—	2 932	41	259	336	34	198	349
1982—	2 904	34	268	317	23	195	344
\$1,000, 1987—	124 609	423	13 134	10 782	(D)	4 794	13 494
1982—	142 008	(D)	13 852	16 340	371	6 434	14 729
Poultry and poultry products							
farms, 1987—	498	22	24	46	11	46	46
1982—	508	17	28	50	10	51	44
\$1,000, 1987—	23 149	183	2 338	1 922	(D)	1 330	295
1982—	25 456	(D)	1 171	4 990	3	1 716	268
Dairy products							
farms, 1987—	609	1	66	65	3	23	115
1982—	879	3	95	94	6	38	138
\$1,000, 1987—	63 309	(D)	9 100	6 072	(D)	2 167	11 015
1982—	80 840	(D)	11 098	8 663	(D)	3 349	12 445
Cattle and calves							
farms, 1987—	1 725	8	197	198	11	83	251
1982—	1 908	10	211	212	12	95	264
\$1,000, 1987—	11 297	(D)	1 357	1 467	(D)	654	1 577
1982—	12 212	29	1 307	1 738	(D)	684	1 626
Hogs and pigs							
farms, 1987—	387	1	23	65	7	18	44
1982—	451	8	26	68	13	21	33
\$1,000, 1987—	4 220	(D)	24	709	19	183	78
1982—	4 497	9	43	669	8	58	33
Sheep, lambs, and wool							
farms, 1987—	563	12	40	51	20	42	57
1982—	398	7	31	39	8	28	58
\$1,000, 1987—	884	(D)	41	52	53	43	80
1982—	445	5	35	29	16	30	50
Other livestock and livestock products (see text)							
farms, 1987—	722	17	40	75	7	77	62
1982—	560	14	35	53	3	55	57
\$1,000, 1987—	21 749	166	274	560	(D)	418	451
1982—	18 559	100	198	250	(D)	598	307
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
Cash grains (011)	25	-	2	1	-	-	7
Field crops, except cash grains (013)	975		73	86	6	71	123
Cotton (0131)	-	-	-	-	-	-	-
Tobacco (0132)	14	-	-	-	-	-	2
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	961	-	73	86	6	71	121
Vegetables and melons (016)	678	15	23	102	8	71	64
Fruits and tree nuts (017)	956	75	15	79	3	31	52
Horticultural specialties (018)	630	33	26	71	9	65	34
General farms, primarily crop (019)	274	3	23	27	-	17	29
Livestock, except dairy, poultry, and animal specialties (021)	1 233	12	130	147	20	70	142
Beef cattle, except feedlots (0212)	585	3	97	59	5	27	77
Dairy farms (024)	556	1	61	58	2	19	104
Poultry and eggs (025)	134	5	6	18	1	14	8
Animal specialties (027)	676	12	30	74	4	75	44
General farms, primarily livestock and animal specialties (029)	79	2	3	12	5	6	9

See footnotes at end of table.

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Sales by commodity or commodity group—Con.								
Crops, including nursery and greenhouse crops—Con.								
Cotton and cottonseed								
farms, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
\$1,000, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
Tobacco								
farms, 1987	5	11	-	-	-	-	-	-
1982	6	31	-	-	-	-	-	-
\$1,000, 1987	2 540	1 886	-	-	-	-	-	-
1982	1 489	931	-	-	-	-	-	-
Hay, silage, and field seeds								
farms, 1987	135	184	145	-	47	92	-	372
1982	89	142	125	2	45	61	-	299
\$1,000, 1987	476	582	923	-	208	388	-	1 896
1982	323	495	889	(D)	122	162	-	1 373
Vegetables, sweet corn, and melons								
farms, 1987	76	136	127	4	36	68	-	151
1982	73	134	139	3	31	69	1	148
\$1,000, 1987	2 764	3 483	3 432	(D)	694	1 449	-	3 201
1982	2 634	2 165	3 158	180	361	1 154	(D)	2 171
Fruits, nuts, and berries								
farms, 1987	70	60	80	5	28	452	-	142
1982	68	46	79	3	21	349	1	150
\$1,000, 1987	1 578	1 365	(D)	(D)	470	67 935	-	6 930
1982	1 728	1 222	2 054	(D)	417	40 902	(D)	6 465
Nursery and greenhouse crops								
farms, 1987	72	60	120	6	54	75	3	123
1982	56	42	125	4	63	67	4	95
\$1,000, 1987	5 660	5 621	22 597	332	7 649	3 448	329	6 932
1982	(D)	2 397	18 007	(D)	5 030	1 979	(D)	2 845
Other crops								
farms, 1987	8	29	4	2	3	3	-	14
1982	8	38	5	2	4	7	-	18
\$1,000, 1987	(D)	2 637	(D)	(D)	(D)	(D)	-	31
1982	(D)	2 221	(D)	(D)	(D)	(D)	-	(D)
Livestock, poultry, and their products								
farms, 1987	221	295	250	4	101	175	1	668
1982	211	300	269	3	98	205	-	637
\$1,000, 1987	5 698	11 575	20 896	(D)	4 196	4 149	(D)	35 246
1982	6 814	15 574	21 429	(D)	3 180	8 720	-	34 314
Poultry and poultry products								
farms, 1987	38	30	54	1	27	44	-	109
1982	30	44	66	1	26	45	-	95
\$1,000, 1987	904	186	1 489	(D)	155	196	-	14 046
1982	858	3 462	2 500	(D)	358	208	-	9 873
Dairy products								
farms, 1987	41	80	24	-	16	20	-	155
1982	72	123	38	-	16	37	-	219
\$1,000, 1987	4 023	9 246	2 833	-	648	2 049	-	16 095
1982	5 143	10 045	2 761	-	705	6 395	-	19 896
Cattle and calves								
farms, 1987	134	208	106	1	43	66	-	419
1982	147	218	124	1	50	96	-	468
\$1,000, 1987	616	1 135	836	(D)	168	788	-	2 669
1982	642	1 373	(D)	(D)	(D)	1 037	-	2 738
Hogs and pigs								
farms, 1987	25	20	50	-	11	29	-	94
1982	18	38	55	-	16	46	-	109
\$1,000, 1987	31	450	1 347	-	(D)	613	-	726
1982	46	454	1 133	-	151	679	-	1 215
Sheep, lambs, and wool								
farms, 1987	31	54	59	-	27	43	-	127
1982	21	38	41	-	14	44	-	69
\$1,000, 1987	19	235	(D)	-	44	27	-	95
1982	25	76	55	-	28	25	-	72
Other livestock and livestock products (see text)								
farms, 1987	50	53	79	2	42	72	1	145
1982	28	50	76	1	27	67	-	94
\$1,000, 1987	105	323	(D)	(D)	(D)	475	(D)	1 614
1982	99	164	(D)	(D)	(D)	377	-	520
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	1	10	2	-	-	-	-	2
Field crops, except cash grains (013)	105	122	83	-	22	63	-	221
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	5	7	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	100	115	83	-	22	63	-	221
Vegetables and melons (016)	49	110	83	3	22	47	-	81
Fruits and tree nuts (017)	47	46	54	3	15	427	1	108
Horticultural specialties (018)	52	43	98	4	44	61	3	87
General farms, primarily crop (019)	25	27	24	-	8	18	-	73
Livestock, except dairy, poultry, and animal specialties (021)	93	123	100	-	36	57	-	303
Beef cattle, except feedlots (0212)	48	73	36	-	13	12	-	135
Dairy farms (024)	41	76	21	-	13	17	-	143
Poultry and eggs (025)	16	11	10	-	2	8	-	35
Animal specialties (027)	51	50	88	2	47	76	1	122
General farms, primarily livestock and animal specialties (029)	10	6	6	-	3	1	-	16

¹Data for 1982 exclude abnormal farms.

²Data for 1982 include market value of barley sold.

Table 3. Farm Production Expenses: 1987 and 1982

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
Total farm production expenses ----- farms, 1987--	6 216	157	394	673	58	439	616
\$1,000, 1987--	251 496	4 663	13 371	20 696	747	12 946	17 700
Average per farm ----- dollars, 1987--	40 460	29 701	33 937	30 752	12 885	29 490	28 734
Livestock and poultry purchased ----- farms, 1987--	1 559	20	117	190	11	147	166
1982--	1 636	19	133	224	15	76	157
\$1,000, 1987--	11 441	183	842	1 411	(D)	670	390
1982--	11 468	(D)	501	1 946	6	803	623
Feed for livestock and poultry ----- farms, 1987--	2 893	41	250	313	36	232	300
1982--	2 947	36	221	327	25	212	357
\$1,000, 1987--	33 525	195	3 189	3 167	(D)	1 819	2 693
1982--	47 203	138	4 121	6 203	(D)	2 358	4 669
Commercially mixed formula feeds ----- farms, 1987--	1 552	24	109	146	18	140	226
1982--	1 997	21	180	205	11	180	239
\$1,000, 1987--	26 256	(D)	2 741	2 286	80	1 221	2 185
1982--	36 846	(D)	3 388	4 282	71	1 678	3 823
Seeds, bulbs, plants, and trees ----- farms, 1987--	2 429	55	172	338	26	168	236
1982--	2 068	17	153	281	18	126	272
\$1,000, 1987--	6 227	124	260	1 039	33	350	450
1982--	5 996	49	259	719	(D)	449	367
Commercial fertilizer ¹ ----- farms, 1987--	3 858	139	222	396	34	255	377
1982--	3 284	82	148	358	29	219	392
\$1,000, 1987--	8 953	152	540	641	38	312	1 044
1982--	7 155	48	460	453	48	316	1 070
Agricultural chemicals ¹ ----- farms, 1987--	3 027	112	135	332	17	199	270
1982--	2 456	83	100	291	18	141	245
\$1,000, 1987--	7 319	212	143	372	11	207	588
Petroleum products ----- farms, 1987--	5 859	101	96	180	9	223	398
1982--	5 323	141	361	644	49	413	591
\$1,000, 1987--	12 042	252	651	1 186	35	673	974
1982--	16 641	268	887	1 562	45	1 082	1 121
Gasoline and gasohol ----- farms, 1987--	5 243	133	295	533	39	361	563
1982--	5 034	116	325	551	29	351	500
\$1,000, 1987--	5 325	115	321	519	21	230	462
1982--	6 750	139	368	649	26	358	635
Diesel fuel ----- farms, 1987--	2 743	46	204	248	22	196	290
1982--	2 028	21	152	208	19	126	233
\$1,000, 1987--	2 585	32	176	219	(D)	(D)	262
1982--	2 465	22	212	193	12	130	319
Natural gas ----- farms, 1987--	175	2	9	22	1	4	40
1982--	103	3	8	11	-	6	-
\$1,000, 1987--	841	(D)	40	42	(D)	(D)	70
1982--	872	6	(D)	33	-	17	-
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms, 1987--	3 773	94	229	459	26	243	360
1982--	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 1987--	3 291	(D)	114	406	7	258	180
1982--	6 553	101	(D)	687	8	578	167
Electricity ----- farms, 1987--	4 286	100	258	420	37	322	454
1982--	3 622	72	228	359	22	250	347
\$1,000, 1987--	5 959	72	534	511	26	365	509
1982--	5 874	(D)	376	497	(D)	392	537
Hired farm labor ----- farms, 1987--	2 185	84	155	169	21	160	175
1982--	2 412	51	181	209	24	189	292
\$1,000, 1987--	66 579	1 427	2 717	4 629	120	2 563	3 283
1982--	43 109	485	(D)	2 741	202	2 098	2 604
Contract labor ----- farms, 1987--	1 025	46	42	103	13	48	51
1982--	429	27	14	40	2	20	25
\$1,000, 1987--	7 906	157	49	508	14	519	762
1982--	2 604	62	24	239	(D)	128	84
Repair and maintenance ----- farms, 1987--	5 222	130	357	537	37	376	538
\$1,000, 1987--	16 873	334	1 019	1 529	77	950	1 396
Customwork, machine hire, and rental of machinery and equipment ² ----- farms, 1987--	1 276	43	47	87	9	87	153
1982--	1 224	35	52	138	7	38	206
\$1,000, 1987--	3 570	73	104	102	13	119	210
1982--	3 517	61	70	228	4	64	256
Interest paid ³ ----- farms, 1987--	1 981	60	144	173	8	153	179
1982--	1 803	48	143	168	7	67	198
\$1,000, 1987--	13 788	332	862	645	51	867	830
1982--	10 141	254	815	660	97	445	900
Interest paid on debt:							
Secured by real estate ----- farms, 1987--	1 410	44	72	112	6	78	125
\$1,000, 1987--	10 563	296	569	466	(D)	742	562
Not secured by real estate ----- farms, 1987--	950	18	99	81	4	94	89
\$1,000, 1987--	3 225	37	293	178	(D)	125	268
Cash rent ----- farms, 1987--	1 092	33	76	149	6	54	170
\$1,000, 1987--	3 848	280	124	367	3	120	459
Property taxes paid ----- farms, 1987--	5 817	141	353	597	51	438	611
\$1,000, 1987--	15 219	284	934	1 051	109	1 453	967
All other farm production expenses ----- farms, 1987--	5 700	148	362	558	55	422	562
\$1,000, 1987--	38 248	585	1 403	3 540	84	1 959	3 144

See footnotes at end of table.

Table 3. Farm Production Expenses: 1987 and 1982—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
Total farm production expenses	491	623	570	12	212	776	5	1 190
\$1,000, 1987	15 823	21 234	39 445	1 926	9 195	48 394	256	45 099
Average per farm	32 227	34 083	69 202	160 514	43 372	62 364	51 246	37 898
Livestock and poultry purchased	107	155	119	2	81	101	-	343
1982	116	151	163	1	59	154	-	368
\$1,000, 1987	501	476	2 574	(D)	1 050	903	-	2 423
1982	450	937	2 557	(D)	532	840	-	2 157
Feed for livestock and poultry	238	271	241	2	88	204	-	677
1982	207	276	305	1	96	243	-	641
\$1,000, 1987	1 651	2 876	4 371	(D)	514	1 066	-	11 864
1982	2 319	5 289	4 927	(D)	528	2 581	-	13 947
Commercially mixed formula feeds	134	136	115	2	56	94	-	352
1982	157	179	192	1	63	123	-	446
\$1,000, 1987	1 303	1 669	3 274	(D)	293	659	-	10 479
1982	1 867	4 328	3 941	(D)	360	1 584	-	11 264
Seeds, bulbs, plants, and trees	167	320	228	5	101	169	-	444
1982	185	248	187	4	83	104	2	388
\$1,000, 1987	388	779	1 119	63	884	291	-	446
1982	475	650	873	13	901	323	(D)	842
Commercial fertilizer ¹	321	439	341	8	146	567	3	610
1982	232	374	246	4	99	491	3	607
\$1,000, 1987	802	1 363	450	(D)	156	2 075	(D)	1 293
1982	550	1 306	432	12	133	1 138	(Z)	1 188
Agricultural chemicals ¹	246	335	258	8	85	554	3	473
1982	162	258	259	4	90	442	3	360
\$1,000, 1987	388	839	434	(D)	107	2 744	(D)	1 221
1982	303	605	469	(D)	69	1 675	(D)	744
Petroleum products	476	603	534	12	187	729	4	1 115
1982	386	547	549	6	205	635	4	1 006
\$1,000, 1987	869	1 387	1 634	103	563	1 988	12	1 716
1982	967	1 593	3 958	10	902	1 945	38	2 263
Gasoline and gasohol	450	590	421	6	159	677	3	1 013
1982	380	517	511	4	176	613	2	959
\$1,000, 1987	349	494	714	17	149	1 071	2	861
1982	455	759	898	(D)	184	1 076	(D)	1 199
Diesel fuel	196	256	283	11	48	311	3	629
1982	127	191	195	3	72	216	2	463
\$1,000, 1987	205	226	267	(D)	44	416	3	517
1982	145	334	303	(D)	33	245	(D)	516
Natural gas	18	9	18	1	17	18	1	15
1982	8	9	31	-	6	12	1	8
\$1,000, 1987	15	20	301	(D)	175	33	(D)	59
1982	56	10	443	-	161	34	(D)	103
LP gas, fuel oil, kerosene, motor oil, grease, etc.	284	378	313	10	115	534	4	724
farms, 1987	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 1987	301	647	351	21	195	468	(D)	279
1982	311	491	2 315	5	525	590	(D)	445
Electricity	322	487	371	7	136	490	4	878
1982	286	389	443	2	138	348	3	735
\$1,000, 1987	393	545	970	(D)	148	769	(D)	1 087
1982	355	524	1 091	(D)	149	754	(D)	1 072
Hired farm labor	139	238	169	7	67	444	2	355
1982	189	261	218	3	76	257	4	458
\$1,000, 1987	4 754	5 034	14 911	(D)	3 028	15 369	(D)	8 190
1982	2 419	3 379	12 612	(D)	1 124	7 625	26	5 951
Contract labor	91	33	97	2	33	287	1	178
1982	34	23	68	-	11	117	-	48
\$1,000, 1987	292	212	1 161	(D)	124	2 521	(D)	1 563
1982	261	221	531	-	(D)	807	-	227
Repair and maintenance	380	568	482	10	162	698	4	943
\$1,000, 1987	1 074	1 583	1 964	(D)	506	3 619	(D)	2 611
Customwork, machine hire, and rental of machinery and equipment ²	58	161	108	3	30	284	1	205
1982	72	131	72	-	15	244	-	214
\$1,000, 1987	93	269	446	(D)	32	1 826	(D)	248
1982	98	83	699	-	28	1 761	-	166
Interest paid ³	146	229	130	7	60	269	2	421
1982	113	214	189	2	63	205	1	385
\$1,000, 1987	1 199	1 294	1 473	(D)	271	3 216	(D)	2 553
1982	664	1 223	1 273	(D)	207	1 437	(D)	2 158
Interest paid on debt:								
Secured by real estate	103	192	91	3	25	206	1	352
\$1,000, 1987	970	1 075	958	(D)	112	2 714	(D)	2 006
Not secured by real estate	69	80	65	5	38	115	1	192
\$1,000, 1987	229	219	515	(D)	159	502	(D)	546
Cash rent	70	142	86	6	24	35	-	241
\$1,000, 1987	383	413	292	5	62	364	-	975
Property taxes paid	468	588	534	8	189	708	5	1 126
\$1,000, 1987	903	1 271	1 566	26	491	3 776	16	2 371
All other farm production expenses	420	582	508	10	191	748	5	1 129
\$1,000, 1987	2 133	2 893	6 080	(D)	1 257	7 867	(D)	6 538

¹Data for 1987 include cost of custom applications.²Data for 1987 exclude cost of custom applications for commercial fertilizer and agricultural chemicals.³Data for 1982 do not include imputation for item nonresponse.

Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin	
NET CASH RETURN								
Net cash return from agricultural sales for the farm unit (see text) ¹								
farms, 1987--	6 216	157	394	673	58	439	616	
\$1,000, 1987--	84 172	2 035	2 835	8 360	-76	3 418	5 688	
Average per farm	13 541	12 963	7 197	12 421	-1 302	7 786	9 235	
Farms with net gains ²	3 017	99	176	313	20	182	296	
number, 1987--								
\$1,000, 1987--	106 761	2 754	4 759	10 293	164	5 699	6 703	
Average per farm	35 387	27 821	27 037	32 884	8 179	31 315	22 645	
Farms with net losses	3 199	58	218	360	38	257	320	
number, 1987--								
\$1,000, 1987--	22 590	719	1 923	1 933	239	2 281	1 014	
Average per farm	7 062	12 397	8 821	5 370	6 292	8 877	3 170	
GOVERNMENT PAYMENTS								
Total received	farms, 1987--	400	6	36	45	30	72	
\$1,000, 1987--	2 213	4	231	218	5	31	188	
Average per farm	dollars, 1987--	5 533	707	6 410	4 853	1 180	2 612	
Amount received in cash	farms, 1987--	353	6	33	40	23	69	
\$1,000, 1987--	1 967	(D)	180	191	5	23	152	
Value of commodity certificates received	farms, 1987--	127	2	16	16	8	23	
\$1,000, 1987--	246	(D)	51	28	-	9	36	
OTHER FARM-RELATED INCOME								
Gross before taxes and expenses ¹	farms, 1987--	1 361	33	76	109	8	100	
\$1,000, 1987--	5 802	311	228	373	(D)	393	667	
Average per farm	dollars, 1987--	4 263	9 431	2 996	3 421	(D)	3 930	3 271
Customwork and other agricultural services ³	farms, 1987--	449	18	18	34	6	41	
1982--	351	13	30	22	6	27	43	
\$1,000, 1987--	2 163	121	76	91	9	154	147	
Rental of farmland	farms, 1987--	909	104	40	55	18	58	
\$1,000, 1987--	477	-	9	21	-	31	45	
Sales of forest products and Christmas trees	farms, 1987--	570	13	41	11	1	50	
\$1,000, 1987--	1 780	100	36	63	(D)	176	338	
Other farm-related income sources	farms, 1987--	368	6	28	47	2	41	
\$1,000, 1987--	1 382	90	102	150	(D)	(D)	57	
							161	
COMMODITY CREDIT CORPORATION LOANS								
Total	farms, 1987--	8	-	2	1	-	2	
1982--	3	-	1	-	-	-	1	
\$1,000, 1987--	159	(D)	(D)	(D)	-	-	(D)	
Corn	farms, 1987--	5	-	2	-	-	-	
\$1,000, 1987--	(D)	-	(D)	-	-	-	-	
Wheat	farms, 1987--	-	-	-	-	-	-	
\$1,000, 1987--	-	-	-	-	-	-	-	
Soybeans	farms, 1987--	-	-	-	-	-	-	
\$1,000, 1987--	-	-	-	-	-	-	-	
Sorghum, barley, and oats	farms, 1987--	-	-	-	-	-	-	
\$1,000, 1987--	-	-	-	-	-	-	-	
Cotton	farms, 1987--	-	-	-	-	-	-	
\$1,000, 1987--	-	-	-	-	-	-	-	
Peanuts, rye, rice, tobacco, and honey	farms, 1987--	3	-	-	1	-	2	
\$1,000, 1987--	(D)	-	-	(D)	-	-	(D)	

See footnotes at end of table.

Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester	
NET CASH RETURN									
Net cash return from agricultural sales for the farm unit (see text) ¹	farms, 1987	481	623	570	12	212	776	5	1 190
\$1,000, 1987		4 128	5 076	9 469	(D)	3 405	29 719	(D)	9 819
Average per farm	dollars, 1987	8 407	8 147	16 612	(D)	16 060	38 298	(D)	8 251
Farms with net gains ²	number, 1987	244	291	318	6	90	461	4	517
\$1,000, 1987		5 319	7 269	12 734	241	4 723	32 123	80	13 901
Average per farm	dollars, 1987	21 798	24 979	40 045	40 243	52 481	69 680	19 897	26 888
Farms with net losses	number, 1987	247	332	252	6	122	315	1	673
\$1,000, 1987		1 191	2 193	3 265	(D)	1 318	2 403	(D)	4 082
Average per farm	dollars, 1987	4 822	8 608	12 957	(D)	10 808	7 629	(D)	8 066
GOVERNMENT PAYMENTS									
Total received	farms, 1987	17	44	34	1	10	15	-	86
\$1,000, 1987		13	148	50	(D)	14	(D)	-	448
Average per farm	dollars, 1987	792	3 315	1 462	(D)	1 381	(D)	-	5 205
Amount received in cash	farms, 1987	13	38	31	1	5	14	-	76
\$1,000, 1987		(D)	92	33	(D)	7	(D)	-	424
Value of commodity certificates received	farms, 1987	7	17	8	-	6	5	-	19
\$1,000, 1987		(D)	54	17	-	8	18	-	24
OTHER FARM-RELATED INCOME									
Gross before taxes and expenses ¹	farms, 1987	74	184	121	3	27	120	-	302
\$1,000, 1987		397	629	789	(D)	430	732	-	826
Average per farm	dollars, 1987	5 369	3 416	6 520	(D)	15 924	6 101	-	2 736
Customwork and other agricultural services ³	farms, 1987	17	40	47	1	11	56	-	94
1982		28	31	42	1	6	29	-	73
\$1,000, 1987		46	285	323	(D)	(D)	311	-	279
1982		27	63	253	(D)	(D)	104	-	117
Rental of farmland	farms, 1987	6	59	15	1	-	9	-	114
\$1,000, 1987		6	29	66	(D)	-	53	-	167
Sales of forest products and Christmas trees	farms, 1987	23	80	77	1	16	33	-	122
\$1,000, 1987		155	272	215	(D)	(D)	91	-	231
Other farm-related income sources	farms, 1987	33	35	12	-	-	33	-	74
\$1,000, 1987		190	63	184	-	-	277	-	149
COMMODITY CREDIT CORPORATION LOANS									
Total	farms, 1987	-	3	-	-	-	-	-	-
1982		-	1	-	-	-	-	-	-
\$1,000, 1987		-	(D)	-	-	-	-	-	-
1982		-	(D)	-	-	-	-	-	-
Corn	farms, 1987	-	3	-	-	-	-	-	-
\$1,000, 1987		-	(D)	-	-	-	-	-	-
Wheat	farms, 1987	-	-	-	-	-	-	-	-
\$1,000, 1987		-	-	-	-	-	-	-	-
Soybeans	farms, 1987	-	-	-	-	-	-	-	-
\$1,000, 1987		-	-	-	-	-	-	-	-
Sorghum, barley, and oats	farms, 1987	-	-	-	-	-	-	-	-
\$1,000, 1987		-	-	-	-	-	-	-	-
Cotton	farms, 1987	-	-	-	-	-	-	-	-
\$1,000, 1987		-	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey	farms, 1987	-	-	-	-	-	-	-	-
\$1,000, 1987		-	-	-	-	-	-	-	-

¹Data are based on a sample of farms.

²Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains.

³Data for 1987 are based on a sample of farms; data for 1982 are nonsample.

Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

All Farms	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
F FARMS AND LAND IN FARMS							
Farms.....	number, 1987--	6 216	158	392	675	58	439
	1982--	5 401	123	352	597	40	372
Land in farms.....	acres, 1987--	615 185	(D)	70 792	42 562	7 314	30 940
	1982--	612 819	5 010	73 434	41 883	7 355	30 283
Average size of farm.....	acres, 1987--	99	(D)	181	63	126	70
	1982--	113	41	209	70	184	81
Value of land and buildings ¹ :							
Average per farm.....	dollars, 1987--	346 530	319 338	386 964	267 392	460 328	462 670
	1982--	205 677	198 593	226 719	164 087	402 050	257 978
Average per acre.....	dollars, 1987--	3 553	13 288	2 009	4 451	3 650	6 754
	1982--	1 963	4 096	1 230	2 343	2 187	3 383
Approximate land area.....	acres, 1987--	5 007 577	256 211	584 540	356 249	65 049	316 723
Proportion in farms.....	percent, 1987--	12.3	(D)	11.9	11.8	11.2	9.8
1987 size of farm:							
1 to 9 acres.....	farms--	1 105	70	39	148	16	101
	acres--	4 911	281	157	674	64	412
10 to 49 acres.....	farms--	2 125	65	91	250	19	184
	acres--	52 758	1 487	2 455	6 034	426	4 306
50 to 69 acres.....	farms--	587	9	30	78	6	34
	acres--	33 925	(D)	1 687	4 440	(D)	2 002
70 to 99 acres.....	farms--	539	5	31	63	4	34
	acres--	44 465	390	2 615	5 123	339	2 785
100 to 139 acres.....	farms--	566	3	39	56	7	20
	acres--	85 401	(D)	4 687	6 464	786	2 265
140 to 179 acres.....	farms--	324	1	34	32	-	20
	acres--	50 600	(D)	5 373	4 907	-	3 133
180 to 219 acres.....	farms--	264	1	27	7	-	11
	acres--	52 297	(D)	5 427	1 302	-	2 200
220 to 259 acres.....	farms--	163	2	12	14	1	11
	acres--	38 800	(D)	2 840	3 341	(D)	2 626
260 to 499 acres.....	farms--	386	1	50	22	-	17
	acres--	134 194	(D)	16 851	7 210	-	5 668
500 to 999 acres.....	farms--	126	1	34	5	3	6
	acres--	79 966	(D)	22 150	3 067	(D)	(D)
1,000 to 1,999 acres.....	farms--	26	-	5	-	2	1
	acres--	34 020	-	6 550	-	(D)	(D)
2,000 acres or more.....	farms--	5	-	-	-	-	-
	acres--	23 848	-	-	-	-	-
1982 size of farm:							
1 to 9 acres.....	farms--	920	47	30	123	7	85
	acres--	(D)	206	119	514	25	341
10 to 49 acres.....	farms--	1 652	56	75	229	8	143
	acres--	41 861	1 328	2 003	6 186	(D)	3 205
50 to 69 acres.....	farms--	490	4	27	59	4	32
	acres--	28 228	239	1 516	3 294	(D)	1 839
70 to 99 acres.....	farms--	478	6	25	51	6	25
	acres--	39 200	526	2 066	4 234	(D)	2 081
100 to 139 acres.....	farms--	521	4	20	51	8	23
	acres--	60 479	439	2 425	5 848	880	2 695
140 to 179 acres.....	farms--	325	3	31	27	3	18
	acres--	51 197	480	4 892	4 237	495	2 856
180 to 219 acres.....	farms--	271	-	39	22	-	9
	acres--	53 637	-	7 766	4 355	-	1 807
220 to 259 acres.....	farms--	166	-	18	9	1	11
	acres--	39 647	-	4 411	2 091	(D)	2 585
260 to 499 acres.....	farms--	419	2	50	21	1	20
	acres--	146 526	(D)	18 102	7 217	(D)	7 205
500 to 999 acres.....	farms--	130	-	29	4	-	5
	acres--	81 458	-	18 618	(D)	-	(D)
1,000 to 1,999 acres.....	farms--	21	1	7	1	1	-
	acres--	27 230	(D)	(D)	(D)	(D)	(D)
2,000 acres or more.....	farms--	8	-	1	-	(D)	-
	acres--	(D)	-	(D)	-	(D)	-
LAND IN FARMS ACCORDING TO USE							
Total cropland.....	farms, 1987--	5 854	149	361	615	50	389
	1982--	4 941	116	330	545	38	331
acres, 1987--		272 588	1 864	31 934	20 987	2 200	16 730
	1982--	265 866	1 812	34 066	21 201	1 474	15 906
Harvested cropland.....	farms, 1987--	5 084	134	326	526	43	345
	1982--	4 608	111	313	499	32	290
acres, 1987--		194 874	(D)	22 280	14 554	709	12 714
	1982--	197 769	(D)	24 370	15 622	830	11 638
Cropland used only for pasture or grazing.....	farms, 1987--	2 164	26	198	256	21	119
	1982--	1 853	11	181	194	15	130
acres, 1987--		52 884	(D)	7 166	4 576	1 357	2 331
	1982--	51 683	(D)	7 459	4 406	588	3 033
Other cropland.....	farms, 1987--	1 267	33	102	136	11	96
	1982--	903	19	44	102	6	70
acres, 1987--		24 830	261	2 488	1 857	134	1 685
	1982--	16 414	139	2 237	1 173	56	1 235
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested end not pastured.....	farms, 1987--	362	10	44	33	6	20
	1982--	284	11	22	30	3	21
acres, 1987--		6 986	88	821	288	42	202
	1982--	4 795	50	285	295	22	236

See footnotes at end of table.

Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

All Farms	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
F FARMS AND LAND IN FARMS								
Farms	490	624	569	12	212	775	5	1 191
number, 1987								
1982	392	559	567	6	205	649	4	1 014
Land in farms	46 747	64 567	38 709	819	13 124	77 140	(D)	134 689
acres, 1987								
1982	43 835	63 824	40 173	(D)	13 398	80 392	(D)	133 612
Average size of farm	95	103	68	68	62	100	(D)	113
acres, 1987								
1982	112	114	71	(D)	65	124	(D)	132
Value of land and buildings ¹ :								
Average per farm	283 605	259 069	313 826	(D)	287 060	397 271	(D)	443 586
dollars, 1987								
1982	180 747	158 487	264 041	349 500	186 610	254 542	147 250	194 823
Average per acre	2 919	2 601	4 960	(D)	5 100	3 963	(D)	3 761
dollars, 1987								
1982	1 928	1 580	4 366	5 652	(D)	2 184	(D)	1 591
Approximate land area	395 584	338 009	525 792	30 316	255 827	419 296	36 268	968 582
Proportion in farms	percent, 1987	11.8	19.1	7.4	2.7	5.1	18.4	(D)
1987 size of farm:								
1 to 9 acres	farms	74	95	132	6	58	158	4 144
acres		328	480	572	21	259	797	5 627
10 to 49 acres	farms	160	209	213	2	82	342	1 351
acres		4 142	5 225	5 313	(D)	2 005	8 223	(D) 8 891
50 to 69 acres	farms	48	52	58	-	18	72	- 133
acres		2 734	2 993	3 350	-	1 025	4 099	- 7 740
70 to 99 acres	farms	55	66	45	-	16	38	- 118
acres		4 598	5 295	3 674	-	1 309	3 086	- 9 801
100 to 139 acres	farms	46	65	41	2	20	54	- 132
acres		5 342	7 509	4 752	(D)	(D)	6 205	- 15 318
140 to 179 acres	farms	29	28	22	-	3	21	- 83
acres		4 522	4 400	3 488	-	(D)	3 221	- 12 877
180 to 219 acres	farms	23	30	25	-	4	23	- 70
acres		4 523	5 966	4 920	-	(D)	4 563	- 13 911
220 to 259 acres	farms	15	23	11	1	2	7	- 44
acres		3 489	5 452	2 661	(D)	(D)	1 649	- 10 525
260 to 499 acres	farms	29	37	17	1	6	41	- 89
acres		10 202	12 730	6 055	(D)	(D)	14 246	- 30 396
500 to 999 acres	farms	10	15	5	-	2	9	- 21
acres		(D)	8 298	3 924	-	(D)	5 227	- 13 279
1,000 to 1,999 acres	farms	1	3	-	-	1	7	- 5
acres		(D)	(D)	-	-	(D)	(D)	- (D)
2,000 acres or more	farms	-	1	-	-	-	3	- 1
acres		-	(D)	-	-	-	(D)	- (D)
1982 size of farm:								
1 to 9 acres	farms	44	75	142	2	72	121	3 118
acres		167	332	550	(D)	334	520	(D) 497
10 to 49 acres	farms	107	182	191	1	57	267	1 239
acres		2 681	4 533	4 891	(D)	1 314	6 674	(D) 6 180
50 to 69 acres	farms	37	44	63	1	17	56	- 98
acres		2 143	2 530	3 562	(D)	974	3 275	- 5 821
70 to 99 acres	farms	52	51	44	1	14	53	- 103
acres		4 308	4 180	3 569	(D)	1 114	4 254	- 8 446
100 to 139 acres	farms	45	55	49	-	21	53	- 127
acres		5 230	6 470	5 596	-	2 408	6 078	- 14 808
140 to 179 acres	farms	32	32	26	-	6	21	- 87
acres		5 057	5 049	4 033	-	980	3 294	- 13 680
180 to 219 acres	farms	19	32	12	1	6	16	- 64
acres		3 758	6 347	2 383	(D)	(D)	3 216	- 12 607
220 to 259 acres	farms	10	21	11	-	5	9	- 44
acres		2 437	4 989	2 638	-	(D)	2 090	- 10 516
260 to 499 acres	farms	39	49	21	-	4	33	- 102
acres		13 562	16 269	7 327	-	1 741	11 407	- 35 919
500 to 999 acres	farms	7	16	8	-	2	14	- 26
acres		4 492	(D)	5 624	-	(D)	8 128	- 15 830
1,000 to 1,999 acres	farms	-	1	-	-	1	3	- 5
acres		-	(D)	-	-	(D)	3 734	- (D)
2,000 acres or more	farms	-	1	-	-	-	3	- 1
acres		-	(D)	-	-	-	27 722	- (D)
LAND IN FARMS ACCORDING TO USE								
Total cropland	farms, 1987	451	563	481	10	183	723	4 1 097
1992	356	521	498	6	176	588	4 936	
acres, 1987	18 577	34 104	20 266	518	6 567	23 481	10 61 802	
1982	18 694	34 443	19 780	320	5 324	23 288	13 57 570	
Harvested cropland	farms, 1987	404	528	438	10	159	668	4 964
1982	338	493	460	6	156	561	4 879	
acres, 1987	14 014	24 290	15 064	441	4 003	19 360	(D) 42 309	
1982	13 089	26 465	15 491	(D)	3 486	19 313	13 42 388	
Cropland used only for pasture or grazing	farms, 1987	175	231	134	2	67	141	- 517
1982	134	199	147	2	63	108	- 417	
acres, 1987	3 262	5 874	3 223	(D)	1 955	1 753	- 13 681	
1982	3 876	5 969	3 294	(D)	1 494	2 443	- 11 455	
Other cropland	farms, 1987	101	146	119	2	32	134	2 227
1982	78	110	94	-	30	90	- 178	
acres, 1987	1 301	3 940	1 979	(D)	609	2 368	(D) 5 812	
1982	1 729	2 009	995	-	344	1 532	- 3 727	
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms, 1987	38	36	30	1	7	26	2 62
1982	24	38	22	-	11	15	- 58	
acres, 1987	515	1 874	358	(D)	77	986	(D) 920	
1982	488	974	154	-	184	454	- 1 061	

See footnotes at end of table.

Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

All Farms	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
LAND IN FARMS ACCORDING TO USE—Con.							
Total cropland—Con.							
Other cropland—Con.							
Cropland on which all crops failed	208	5	13	21	2	15	15
farms, 1987—	208	5	13	21	2	15	15
1982—	207	1	4	25	3	16	17
acres, 1987—	1 531	(D)	86	186	(D)	99	154
1982—	1 954	(D)	(D)	223	(D)	363	93
Cropland in cultivated summer fallow	73	1	8	4	4	3	8
farms, 1987—	73	1	8	4	4	3	8
1982—	81	—	1	12	—	5	7
acres, 1987—	946	(D)	26	14	(D)	33	42
1982—	615	—	(D)	91	—	17	66
Cropland idle	857	23	74	92	7	73	83
farms, 1987—	857	23	74	92	7	73	83
1982—	518	12	28	46	1	47	45
acres, 1987—	15 367	154	1 555	1 369	57	1 351	1 371
1982—	9 050	(D)	1 921	564	(D)	619	497
Total woodland	3 382	48	261	325	29	189	413
farms, 1987—	3 382	48	261	325	29	189	413
1982—	3 273	48	241	334	24	183	400
acres, 1987—	225 442	(D)	29 213	12 958	2 711	8 038	38 978
1982—	252 050	(D)	29 806	13 749	3 453	9 658	40 827
Woodland pastured	1 049	6	134	84	10	67	129
farms, 1987—	1 049	6	134	84	10	67	129
1982—	982	3	91	78	3	32	169
acres, 1987—	35 745	96	5 305	1 502	1 902	2 294	5 520
1982—	35 317	(D)	4 528	2 176	(D)	594	7 182
Woodland not pastured	2 933	44	216	274	22	152	379
farms, 1987—	2 933	44	216	274	22	152	379
1982—	2 820	47	217	288	23	169	360
acres, 1987—	189 597	(D)	23 908	11 456	809	5 744	33 459
1982—	218 733	1 423	25 277	11 573	(D)	9 064	33 645
Other land	4 510	121	307	452	43	322	457
farms, 1987—	4 510	121	307	452	43	322	457
1982—	3 963	90	271	407	28	287	402
acres, 1987—	117 155	1 524	9 645	8 617	2 403	6 172	10 337
1982—	94 903	(D)	9 582	6 933	2 428	4 719	6 610
Pastureland and rangeland other than cropland and woodland pastured	1 289	14	132	121	14	78	160
farms, 1987—	1 289	14	132	121	14	78	160
1982—	871	11	89	71	7	52	110
acres, 1987—	44 998	(D)	5 127	2 193	1 457	1 308	3 987
1982—	32 021	(D)	4 703	2 814	(D)	1 508	3 191
Land in house lots, ponds, roads, wasteland, etc.	4 123	118	259	407	41	307	407
farms, 1987—	4 123	118	259	407	41	307	407
1982—	3 732	89	248	375	27	275	381
acres, 1987—	72 157	(D)	4 518	6 424	946	4 864	6 350
1982—	62 882	1 290	4 859	4 119	(D)	3 211	3 419
Pastureland, all types	3 355	45	289	361	34	208	395
farms, 1987—	3 355	45	289	361	34	208	395
1982—	2 820	21	260	272	21	190	365
acres, 1987—	133 627	487	17 598	8 271	4 716	5 933	16 963
1982—	119 021	(D)	16 691	9 396	2 495	5 135	17 746
Cropland diverted under annual commodity acreage adjustment programs	23	—	5	1	—	—	5
farms, 1987—	23	—	5	1	—	—	5
1982—	11	—	2	(D)	(D)	1	3
acres, 1987—	829	—	(D)	(D)	—	—	172
1982—	103	—	(D)	—	—	(D)	3
Cropland placed under the conservation reserve program	19	—	2	2	—	—	3
farms, 1987—	19	—	2	(D)	(D)	—	3
acres, 1987—	877	—	(D)	—	—	—	40

See footnotes at end of table.

Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

All Farms	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
LAND IN FARMS ACCORDING TO USE—Con.								
Total cropland—Con.								
Other cropland—Con.								
Cropland on which all crops failed—farms, 1987—	8	28	20	1	8	32	—	40
1982—	16	30	26	—	4	21	—	44
acres, 1987—	41	156	157	(D)	76	210	—	337
1982—	156	448	206	—	19	157	—	244
Cropland in cultivated summer fallow—farms, 1987—	11	6	9	—	2	3	—	14
1982—	11	9	8	—	2	8	—	18
acres, 1987—	116	174	198	—	(D)	39	—	271
1982—	106	50	54	—	(D)	104	—	107
Cropland idle—farms, 1987—	59	97	81	1	21	90	—	156
1982—	48	62	58	—	17	56	—	98
acres, 1987—	629	1 736	1 268	(D)	(D)	1 133	—	4 284
1982—	969	537	581	—	(D)	817	—	2 315
Total woodland—	286	342	272	1	100	358	—	758
farms, 1987—	261	319	280	1	100	354	1	727
acres, 1987—	20 480	22 990	11 175	(D)	4 325	21 509	—	51 529
1982—	19 113	22 331	12 300	(D)	5 644	35 223	(D)	58 472
Woodland pastured—	77	114	86	—	32	42	—	268
farms, 1987—	92	98	55	1	25	65	—	270
acres, 1987—	2 056	3 873	2 563	—	641	1 767	—	8 226
1982—	2 047	4 466	1 051	(D)	228	981	—	11 527
Woodland not pastured—	258	291	224	1	79	338	—	655
farms, 1987—	230	280	252	—	90	326	1	637
acres, 1987—	18 424	19 117	8 612	(D)	3 684	19 742	—	43 303
1982—	17 066	17 865	11 249	—	5 416	34 242	(D)	46 945
Other land—	381	434	397	6	157	607	2	824
farms, 1987—	287	382	411	2	154	496	2	744
acres, 1987—	7 690	7 473	7 268	(D)	2 232	32 150	(D)	21 358
1982—	6 028	6 850	8 093	(D)	2 430	21 881	(D)	17 570
Pastureland and rangeland other than cropland and woodland pastured—	107	146	113	1	46	71	1	265
farms, 1987—	71	86	70	—	28	83	—	193
acres, 1987—	1 849	3 398	1 852	(D)	728	13 064	(D)	9 788
1982—	2 529	3 016	1 827	—	572	3 320	—	6 665
Land in house lots, ponds, roads, wasteland, etc.—	345	384	365	5	145	596	1	743
farms, 1987—	271	352	390	2	148	478	2	693
acres, 1987—	5 841	4 075	5 416	(D)	1 504	19 086	(D)	11 570
1982—	3 499	3 834	6 266	(D)	1 858	18 561	(D)	10 905
Pastureland, all types—	275	361	256	2	114	229	1	785
farms, 1987—	214	298	229	2	94	208	—	646
acres, 1987—	7 167	13 145	7 638	(D)	3 324	16 584	(D)	31 695
1982—	8 452	13 451	6 172	(D)	2 294	6 744	—	29 647
Cropland diverted under annual commodity acreage adjustment programs—	—	9	2	—	—	—	—	1
farms, 1987—	1	2	2	—	—	—	—	(D)
acres, 1987—	—	(D)	(D)	—	—	—	—	—
1982—	(D)	(D)	(D)	—	—	—	—	(D)
Cropland placed under the conservation reserve program—	—	4	2	—	4	1	—	1
farms, 1987—	—	(D)	(D)	—	98	(D)	—	(D)
acres, 1987—	—	(D)	(D)	—	—	—	—	—

¹Data are based on a sample of farms, see text.

Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Farms with harvested cropland	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
Farms-----	5 084	134	326	526	43	345	535
number, 1987--	4 608	111	313	499	32	290	466
1982--	194 874	(D)	22 280	14 554	709	12 714	23 715
acres harvested, 1987--	197 769	(D)	24 370	15 622	830	11 638	23 364
HARVESTED CROPLAND BY SIZE OF FARM							
1987 size of farm:							
1 to 9 acres -----	farms--	742	59	24	101	14	66
acres harvested--	1 798	118	51	284	27	141	38
10 to 49 acres -----	farms--	1 622	53	67	182	11	132
acres harvested--	17 299	454	866	1 944	91	1 707	1 476
50 to 69 acres -----	farms--	512	9	28	63	4	33
acres harvested--	10 962	99	615	1 577	130	958	868
70 to 99 acres -----	farms--	486	5	25	62	4	29
acres harvested--	14 596	60	890	1 428	131	1 015	60
100 to 139 acres -----	farms--	510	3	34	49	4	20
acres harvested--	19 876	(D)	1 337	2 570	(D)	1 171	2 743
140 to 179 acres -----	farms--	294	1	27	26	-	20
acres harvested--	14 414	(D)	903	1 693	-	1 582	47
180 to 219 acres -----	farms--	249	-	26	4	-	11
acres harvested--	16 492	-	1 958	128	-	948	41
220 to 259 acres -----	farms--	156	2	12	13	1	11
acres harvested--	13 816	(D)	978	1 416	(D)	1 115	20
260 to 499 acres -----	farms--	364	1	46	21	-	16
acres harvested--	44 663	(D)	5 716	2 403	-	2 370	68
500 to 999 acres -----	farms--	119	1	32	5	3	6
acres harvested--	26 351	(D)	7 177	1 111	100	(D)	15
1,000 to 1,999 acres -----	farms--	25	-	5	-	2	(D)
acres harvested--	8 500	-	1 789	-	(D)	(D)	1
2,000 acres or more -----	farms--	5	-	-	-	-	(D)
acres harvested--	6 107	-	-	-	-	-	-
1982 size of farm:							
1 to 9 acres -----	farms--	637	40	19	88	7	49
acres harvested--	(D)	79	31	230	17	105	31
10 to 49 acres -----	farms--	1 338	51	62	187	5	100
acres harvested--	15 078	435	874	2 302	(D)	996	81
50 to 69 acres -----	farms--	420	4	24	47	2	31
acres harvested--	9 403	90	578	1 140	(D)	832	41
70 to 99 acres -----	farms--	439	6	24	47	6	25
acres harvested--	12 552	(D)	836	1 207	194	806	45
100 to 139 acres -----	farms--	485	4	19	47	7	21
acres harvested--	19 381	156	748	2 170	127	1 023	60
140 to 179 acres -----	farms--	299	3	24	26	3	18
acres harvested--	16 550	129	1 096	2 299	342	1 261	37
180 to 219 acres -----	farms--	266	-	38	22	-	9
acres harvested--	18 843	-	2 882	1 980	-	834	49
220 to 259 acres -----	farms--	162	-	18	9	-	11
acres harvested--	12 870	-	1 300	1 239	-	991	27
260 to 499 acres -----	farms--	408	2	49	21	1	20
acres harvested--	46 841	(D)	6 302	2 118	(D)	2 687	75
500 to 999 acres -----	farms--	126	-	28	4	-	5
acres harvested--	29 093	-	6 577	(D)	-	(D)	19
1,000 to 1,999 acres -----	farms--	20	1	7	1	-	(D)
acres harvested--	8 055	(D)	(D)	(D)	-	-	1
2,000 acres or more -----	farms--	8	-	1	-	1	-
acres harvested--	(D)	-	(D)	-	(D)	(D)	-
HARVESTED CROPLAND BY ACRES HARVESTED							
1987 acres harvested:							
1 to 9 acres -----	farms--	1 900	99	65	208	24	141
acres--	6 890	265	213	749	(D)	464	136
10 to 19 acres -----	farms--	965	19	51	123	3	60
acres--	12 642	(D)	665	1 585	(D)	769	105
20 to 29 acres -----	farms--	572	5	51	54	6	34
acres--	13 220	(D)	1 159	1 226	120	807	65
30 to 49 acres -----	farms--	591	6	40	53	6	35
acres--	21 780	232	1 456	2 010	201	1 322	87
50 to 99 acres -----	farms--	544	4	50	51	3	35
acres--	36 429	(D)	3 553	3 406	(D)	2 447	81
100 to 199 acres -----	farms--	336	-	38	33	1	31
acres--	44 773	-	5 199	4 490	(D)	4 205	39
200 to 499 acres -----	farms--	153	1	27	4	-	20
acres--	42 463	(D)	7 755	1 088	-	2 700	(D)
500 to 999 acres -----	farms--	21	-	4	-	-	2
acres--	(D)	-	2 280	-	-	-	(D)
1,000 acres or more -----	farms--	2	-	-	-	-	-
acres--	(D)	-	-	-	-	-	-
1982 acres harvested:							
1 to 9 acres -----	farms--	1 626	78	60	185	15	118
acres--	6 141	256	202	691	55	420	111
10 to 19 acres -----	farms--	759	15	42	117	4	53
acres--	9 962	191	569	1 533	68	669	65
20 to 29 acres -----	farms--	525	7	30	49	5	20
acres--	12 178	165	691	1 149	(D)	457	65
30 to 49 acres -----	farms--	591	7	48	55	4	33
acres--	21 864	254	1 807	2 070	(D)	1 193	84
50 to 99 acres -----	farms--	571	2	59	45	2	31
acres--	38 992	(D)	4 208	3 048	(D)	2 179	73
100 to 199 acres -----	farms--	356	-	42	42	2	26
acres--	47 164	-	5 729	5 720	(D)	3 450	43
200 to 499 acres -----	farms--	160	2	28	6	-	22
acres--	43 825	(D)	7 642	1 411	-	(D)	5 354
500 to 999 acres -----	farms--	16	-	3	-	-	3
acres--	10 457	-	(D)	-	-	(D)	1 672
1,000 acres or more -----	farms--	4	-	1	-	-	-
acres--	7 186	-	(D)	-	-	-	-

Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Farms with harvested cropland	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
Farms—	404	528	438	10	159	668	4	964
number, 1987—	338	493	460	6	156	561	4	879
1982—	14 014	24 290	15 064	441	4 003	19 360	(D)	42 309
acres harvested, 1987—	13 089	26 465	15 491	(D)	3 486	19 313	13	42 388
HARVESTED CROPLAND BY SIZE OF FARM								
1987 size of farm:								
1 to 9 acres	farms—	38	68	89	6	42	115	3
	acres harvested—	88	203	188	(D)	93	314	(D)
10 to 49 acres	farms—	128	161	154	2	58	288	1
	acres harvested—	1 285	2 064	1 621	(D)	434	2 528	(D)
50 to 69 acres	farms—	45	46	46	—	14	65	—
	acres harvested—	887	1 241	1 145	—	370	1 077	—
70 to 99 acres	farms—	50	62	40	—	10	37	—
	acres harvested—	1 373	1 976	1 269	—	472	1 052	—
100 to 139 acres	farms—	41	61	34	—	20	53	—
	acres harvested—	1 488	2 700	1 379	—	718	1 317	—
140 to 179 acres	farms—	28	26	22	—	2	21	74
	acres harvested—	1 480	1 335	1 285	—	(D)	1 076	—
180 to 219 acres	farms—	22	26	24	—	4	23	68
	acres harvested—	1 360	1 741	2 168	—	517	971	—
220 to 259 acres	farms—	14	22	9	1	—	7	—
	acres harvested—	895	1 995	1 381	(D)	—	346	3 356
260 to 499 acres	farms—	29	37	16	1	6	41	82
	acres harvested—	2 780	5 173	3 128	(D)	1 018	(D)	10 802
500 to 999 acres	farms—	8	15	4	—	2	8	—
	acres harvested—	(D)	3 307	1 500	—	(D)	997	—
1,000 to 1,999 acres	farms—	1	3	—	—	1	7	—
	acres harvested—	(D)	(D)	—	—	(D)	1 396	—
2,000 acres or more	farms—	—	1	—	—	—	3	—
	acres harvested—	—	(D)	—	—	—	(D)	—
1982 size of farm:								
1 to 9 acres	farms—	28	53	98	2	54	86	3
	acres harvested—	54	174	220	(D)	123	219	(D)
10 to 49 acres	farms—	90	155	150	1	39	231	1
	acres harvested—	965	2 088	1 678	(D)	291	2 178	(D)
50 to 69 acres	farms—	32	42	53	1	8	47	—
	acres harvested—	715	899	1 454	(D)	263	657	—
70 to 99 acres	farms—	46	47	40	1	12	48	—
	acres harvested—	1 244	1 496	1 425	(D)	301	1 357	—
100 to 139 acres	farms—	39	53	45	—	21	52	—
	acres harvested—	1 536	2 607	2 113	—	889	1 655	4 361
140 to 179 acres	farms—	31	29	24	—	4	20	80
	acres harvested—	1 890	1 963	1 251	—	230	1 033	3 364
180 to 219 acres	farms—	19	31	12	1	6	16	—
	acres harvested—	1 271	2 291	1 128	(D)	(D)	759	—
220 to 259 acres	farms—	10	18	11	—	5	9	44
	acres harvested—	615	1 738	1 242	—	359	290	3 131
260 to 499 acres	farms—	36	47	19	—	4	33	101
	acres harvested—	3 655	6 367	2 944	—	399	3 225	12 112
500 to 999 acres	farms—	7	16	8	—	2	13	—
	acres harvested—	1 144	(D)	2 036	—	(D)	1 709	—
1,000 to 1,999 acres	farms—	—	1	—	—	1	3	—
	acres harvested—	—	(D)	—	—	(D)	707	—
2,000 acres or more	farms—	—	1	—	—	—	3	—
	acres harvested—	—	(D)	—	—	—	5 524	—
HARVESTED CROPLAND BY ACRES HARVESTED								
1987 acres harvested:								
1 to 9 acres	farms—	142	158	198	7	85	345	4
	acres—	573	643	675	(D)	260	1 302	(D)
10 to 19 acres	farms—	87	107	69	—	26	140	—
	acres—	1 122	1 485	844	—	335	1 930	—
20 to 29 acres	farms—	38	61	44	1	11	62	—
	acres—	860	1 369	1 050	(D)	251	1 452	—
30 to 49 acres	farms—	64	77	39	—	16	52	—
	acres—	2 420	2 773	1 450	—	578	1 902	4 283
50 to 99 acres	farms—	41	66	46	—	10	35	—
	acres—	2 729	4 578	2 935	—	612	2 418	7 739
100 to 199 acres	farms—	21	37	27	1	5	19	—
	acres—	3 034	4 856	3 483	(D)	645	(D)	11 014
200 to 499 acres	farms—	11	16	13	1	6	12	—
	acres—	3 276	4 918	(D)	(D)	1 322	3 234	—
500 to 999 acres	farms—	—	6	2	—	—	1	6
	acres—	—	3 668	(D)	—	—	(D)	3 682
1,000 acres or more	farms—	—	—	—	—	—	2	—
	acres—	—	—	—	—	—	(D)	—
1982 acres harvested:								
1 to 9 acres	farms—	108	147	209	3	89	273	4
	acres—	424	641	700	6	277	1 073	13
10 to 19 acres	farms—	57	77	60	—	13	113	—
	acres—	754	1 004	792	—	164	1 517	—
20 to 29 acres	farms—	43	62	45	1	14	54	—
	acres—	999	1 490	1 029	(D)	336	1 286	2 932
30 to 49 acres	farms—	45	60	62	1	20	51	—
	acres—	1 693	2 245	2 329	(D)	752	1 836	4 375
50 to 99 acres	farms—	47	75	46	1	12	36	—
	acres—	3 073	5 159	3 119	(D)	830	2 457	9 528
100 to 199 acres	farms—	27	51	24	—	6	20	—
	acres—	3 356	7 143	3 167	—	(D)	2 544	9 684
200 to 499 acres	farms—	11	18	13	—	2	11	—
	acres—	2 790	6 189	(D)	—	(D)	3 076	10 523
500 to 999 acres	farms—	—	3	1	—	—	1	3
	acres—	—	2 594	(D)	—	—	(D)	(D)
1,000 acres or more	farms—	—	—	—	—	—	2	—
	acres—	—	—	—	—	—	(D)	(D)

Table 7. Irrigation: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
Farms ----- number, 1987--	1 316	112	25	136	15	104	47
1982--	1 000	80	15	107	9	69	32
Land in irrigated farms ----- acres, 1987--	109 552	3 972	1 569	8 818	379	4 956	4 978
1982--	90 084	(D)	395	6 792	414	3 329	2 717
Harvested cropland ----- farms, 1987--	1 299	106	25	133	14	103	47
1982--	996	80	15	107	9	68	32
acres, 1987--	32 005	1 301	460	3 385	(D)	2 209	2 252
1982--	25 283	1 046	212	2 387	174	1 429	1 215
Other cropland, excluding cropland pastured ----- farms, 1987--	339	23	11	34	5	27	19
1982--	206	11	3	17	3	22	18
acres, 1987--	4 935	190	104	439	65	230	498
1982--	3 294	95	44	333	32	255	270
Pastureland, excluding woodland pastured ----- farms, 1987--	238	20	6	21	4	19	13
1982--	171	7	3	14	3	11	9
acres, 1987--	15 705	188	76	424	27	384	198
1982--	4 746	(D)	33	300	21	142	50
Irrigated land ----- acres, 1987--	20 158	1 265	82	1 699	(D)	878	941
1982--	17 331	996	135	1 337	68	586	470
Harvested cropland ----- farms, 1987--	1 290	106	25	133	14	102	47
1982--	989	80	15	105	9	67	30
acres, 1987--	19 566	1 206	82	(D)	(D)	(D)	941
1982--	17 012	(D)	(D)	(D)	68	(D)	(D)
Pastureland and other land ----- farms, 1987--	60	9	-	4	1	2	-
1982--	31	2	1	2	-	(D)	2
acres, 1987--	592	59	-	(D)	(D)	(D)	-
1982--	319	(D)	(D)	-	(D)	(D)	(D)
1987 irrigated acres by size of farm:							
1 to 9 acres ----- farms--	367	49	12	39	6	42	7
acres irrigated--	722	101	18	69	(D)	66	12
10 to 49 acres ----- farms--	484	43	4	47	6	34	16
acres irrigated--	3 371	384	12	313	30	331	93
50 to 69 acres ----- farms--	113	7	3	8	2	6	4
acres irrigated--	1 399	78	17	98	(D)	58	(D)
70 to 99 acres ----- farms--	78	5	2	14	1	6	2
acres irrigated--	1 246	60	(D)	118	(D)	78	(D)
100 to 139 acres ----- farms--	76	3	-	10	-	2	4
acres irrigated--	1 974	128	-	348	-	(D)	103
140 to 179 acres ----- farms--	52	1	-	6	-	4	4
acres irrigated--	1 467	(D)	-	326	-	124	91
180 to 219 acres ----- farms--	38	-	1	-	-	4	5
acres irrigated--	983	-	(D)	-	-	77	41
220 to 259 acres ----- farms--	26	2	2	5	-	4	-
acres irrigated--	659	(D)	(D)	171	-	9	-
260 to 499 acres ----- farms--	59	1	1	5	-	2	4
acres irrigated--	3 657	(D)	(D)	(D)	-	(D)	336
500 to 999 acres ----- farms--	13	1	-	2	-	-	1
acres irrigated--	1 449	(D)	-	(D)	-	-	(D)
1,000 to 1,999 acres----- farms--	8	-	-	-	-	-	-
acres irrigated--	(D)	-	-	-	-	-	-
2,000 acres or more ----- farms--	2	-	-	-	-	-	-
acres irrigated--	(D)	-	-	-	-	-	-
1982 irrigated acres by size of farm:							
1 to 9 acres ----- farms--	242	26	8	31	2	22	4
acres irrigated--	505	61	11	67	(D)	46	5
10 to 49 acres ----- farms--	380	38	5	38	3	28	12
acres irrigated--	2 842	343	(D)	301	7	215	115
50 to 69 acres ----- farms--	86	3	1	9	1	8	2
acres irrigated--	1 362	63	(D)	193	(D)	167	(D)
70 to 99 acres ----- farms--	75	5	-	10	3	1	4
acres irrigated--	1 175	113	-	113	39	(D)	68
100 to 139 acres ----- farms--	73	3	-	7	-	2	4
acres irrigated--	1 644	90	-	145	-	(D)	44
140 to 179 acres ----- farms--	37	3	-	2	-	3	1
acres irrigated--	1 248	(D)	-	(D)	-	44	(D)
180 to 219 acres ----- farms--	24	-	1	3	-	1	3
acres irrigated--	747	-	(D)	120	-	(D)	52
220 to 259 acres ----- farms--	14	-	-	-	-	1	-
acres irrigated--	486	-	-	-	-	(D)	-
260 to 499 acres ----- farms--	48	2	-	5	-	3	2
acres irrigated--	3 110	(D)	-	183	-	60	(D)
500 to 999 acres ----- farms--	14	-	-	2	-	-	-
acres irrigated--	951	-	-	(D)	-	-	-
1,000 to 1,999 acres----- farms--	4	-	-	-	-	-	-
acres irrigated--	804	-	-	-	-	-	-
2,000 acres or more ----- farms--	3	-	-	-	-	-	-
acres irrigated--	2 457	-	-	-	-	-	-

Table 7. Irrigation: 1987 and 1982—Con.

(For meaning of abbreviations and symbols, see introductory text)

Farms with irrigation	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester	
Farms number, 1987	67	46	129	10	56	465	4	100	
1982	53	22	108	5	52	359	3	86	
Land in irrigated farms	4 792	2 588	6 776	(D)	2 124	56 715	(D)	11 222	
1982	3 561	3 217	5 396	279	2 569	49 588	(D)	8 586	
Harvested cropland	farms, 1987	66	46	128	10	54	463	4	100
1982	53	22	106	5	51	359	3	86	
ecres, 1987	1 881	1 078	3 249	441	608	11 622	(D)	3 356	
1982	1 572	1 425	2 704	(D)	548	10 207	(D)	2 184	
Other cropland, excluding cropland pastured	farms, 1987	17	23	39	2	12	84	2	41
1982	19	5	24	-	12	45	-	27	
ecres, 1987	438	293	569	(D)	333	1 114	(D)	643	
1982	348	534	328	-	114	747	-	194	
Pasturaland, excluding woodland pastured	farms, 1987	15	11	25	2	12	57	1	32
1982	7	4	18	1	9	61	-	24	
acres, 1987	141	186	475	(D)	269	12 150	(D)	1 081	
1982	243	60	145	(D)	108	2 187	-	1 265	
Irrigated land	acres, 1987	801	449	1 253	439	338	11 028	(D)	838
1982	916	380	1 034	110	469	9 677	8	1 145	
Harvested cropland	farms, 1987	63	46	126	10	54	463	3	98
1982	53	22	106	5	50	359	3	85	
acres, 1987	763	(D)	1 177	439	302	10 931	(D)	742	
1982	(D)	380	(D)	110	434	9 517	8	1 116	
Pasturaland and other land	farms, 1987	5	2	4	-	3	24	1	5
1982	1	-	2	-	4	7	-	6	
acres, 1987	38	(D)	76	-	36	97	(D)	96	
1982	(D)	-	(D)	-	35	160	-	29	
1987 irrigated acres by size of farm:									
1 to 9 acres	farms	17	14	50	6	26	74	3	22
	acres irrigated	35	22	95	20	48	188	(D)	34
10 to 49 acres	farms	21	16	44	2	18	200	1	32
	acres irrigated	91	96	258	(D)	76	1 480	(D)	139
50 to 69 acres	farms	8	3	10	-	3	47	-	12
	acres irrigated	111	24	191	-	62	555	-	159
70 to 99 acres	farms	2	6	4	-	1	26	-	9
	acres irrigated	(D)	89	91	-	(D)	557	-	79
100 to 139 acres	farms	4	2	5	-	4	38	-	4
	acres irrigated	66	(D)	207	-	78	931	-	36
140 to 179 acres	farms	6	1	7	-	2	14	-	7
	acres irrigated	221	(D)	72	-	(D)	445	-	67
180 to 219 acres	farms	3	-	5	-	1	16	-	3
	acres irrigated	(D)	-	261	-	(D)	464	-	64
220 to 259 acres	farms	4	2	-	1	-	4	-	2
	acres irrigated	6	(D)	-	(D)	-	104	-	(D)
260 to 499 acres	farms	2	2	3	1	1	32	-	5
	acres irrigated	(D)	(D)	(D)	(D)	(D)	2 110	-	213
500 to 999 acres	farms	-	-	1	-	-	6	-	2
1,000 to 1,999 acres	farms	-	-	(D)	-	-	966	-	(D)
2,000 acres or more	farms	-	-	-	-	-	6	-	(D)
	acres irrigated	-	-	-	-	-	(D)	-	-
1982 irrigated acres by size of farm:									
1 to 9 acres	farms	9	1	39	2	27	51	2	18
	acres irrigated	14	(D)	75	(D)	60	129	(D)	25
10 to 49 acres	farms	24	13	33	1	14	136	(D)	34
	acres irrigated	197	88	177	(D)	102	1 006	(D)	266
50 to 69 acres	farms	4	4	11	1	-	32	-	10
	acres irrigated	76	71	164	(D)	-	391	-	161
70 to 99 acres	farms	3	2	9	-	5	28	-	5
	acres irrigated	56	(D)	124	-	13	627	-	7
100 to 139 acres	farms	2	1	9	-	4	37	-	4
	acres irrigated	(D)	(D)	309	-	(D)	809	-	11
140 to 179 acres	farms	7	-	3	-	-	15	-	3
	acres irrigated	323	-	61	-	-	485	-	26
180 to 219 acres	farms	1	-	2	1	-	10	-	2
	acres irrigated	(D)	-	(D)	(D)	-	310	-	(D)
220 to 259 acres	farms	-	-	-	-	1	9	-	3
	acres irrigated	-	-	-	-	(D)	294	-	(D)
260 to 499 acres	farms	3	-	1	-	-	28	-	4
	acres irrigated	208	-	(D)	-	-	2 144	-	117
500 to 999 acres	farms	-	-	1	-	-	9	-	2
1,000 to 1,999 acres	farms	-	-	(D)	-	-	868	-	(D)
2,000 acres or more	farms	-	1	-	-	1	2	-	(D)
	acres irrigated	-	(D)	-	-	-	(D)	-	-

Table 8. Machinery and Equipment on Place: 1987 and 1982

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All Farms	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
VALUE OF MACHINERY AND EQUIPMENT							
Estimated market value of all machinery and equipment							
farms, 1987--	6 207	156	394	673	58	439	608
1982--	5 394	123	352	592	39	372	521
\$1,000, 1987-	198 868	4 859	12 021	18 156	950	14 510	16 357
1982-	153 346	2 648	10 113	12 046	1 069	10 550	14 299
Average per farm	dollars, 1987--	32 039	31 149	30 510	26 978	16 377	33 053
	1982--	28 429	21 526	28 729	20 348	27 419	28 380
Farms by value group:							
\$1 to \$9,999	1987--	2 105	43	133	259	26	177
1982--	2 043	47	151	262	14	156	160
\$10,000 to \$19,999	1987--	1 271	38	53	112	11	47
1982--	1 266	40	51	176	9	53	53
\$20,000 to \$29,999	1987--	1 023	29	104	148	15	87
1982--	668	20	52	47	5	55	82
\$30,000 to \$49,999	1987--	678	23	56	53	2	48
1982--	536	4	37	42	4	33	50
\$50,000 to \$69,999	1987--	451	11	5	47	1	36
1982--	366	4	26	34	3	36	29
\$70,000 to \$99,999	1987--	253	4	20	18	3	20
1982--	222	4	9	11	2	19	12
\$100,000 to \$199,999	1987--	327	5	17	22	-	13
1982--	217	3	20	19	2	18	18
\$200,000 or more	1987--	99	3	6	14	-	11
1982--	76	1	6	1	-	2	12
\$200,000 to \$499,999	1987--	86	3	5	13	-	10
\$500,000 or more	1987--	13	-	1	1	-	9
SELECTED MACHINERY AND EQUIPMENT							
Motortrucks, including pickups	farms, 1987--	5 204	140	315	551	43	346
	1982--	4 503	98	303	422	30	325
number, 1987--	10 957	256	539	1 035	61	716	930
	1982--	9 376	183	535	827	46	616
Wheel tractors	farms, 1987--	5 360	96	356	537	47	368
	1982--	4 248	72	305	481	35	245
number, 1987--	13 160	162	1 072	1 523	87	950	1 206
	1982--	9 956	132	772	1 157	60	550
Less than 40 horsepower (PTO)	farms, 1987--	4 235	82	314	459	38	303
	number, 1987--	7 624	130	559	949	58	569
40 horsepower (PTO) or more	farms, 1987--	2 915	26	255	292	18	218
	number, 1987--	5 536	32	513	574	29	381
Grain and bean combines ¹	farms, 1987--	52	1	5	7	2	14
	1982--	21	-	4	2	1	4
number, 1987--	60	(D)	5	9	(D)	(D)	15
	1982--	23	-	4	(D)	(D)	6
Cottonpickers and strippers	farms, 1987--	-	-	-	-	-	-
	1982--	-	-	-	-	-	-
number, 1987--	-	-	-	-	-	-	-
	1982--	-	-	-	-	-	-
Mower conditioners	farms, 1987--	1 586	4	184	173	10	111
	1982--	1 398	20	146	107	6	86
number, 1987--	1 783	4	225	184	11	123	251
	1982--	1 533	26	152	111	7	96
Pickup balers	farms, 1987--	1 820	2	219	131	12	144
	1982--	1 604	4	202	122	9	70
number, 1987--	1 993	(D)	253	148	12	157	287
	1982--	1 704	4	209	135	(D)	76
1987 INVENTORY							
Manufactured 1983 to 1987:							
Motortrucks, including pickups	farms--	2 062	90	110	176	22	131
	number--	2 779	114	139	230	23	169
Wheel tractors	farms--	1 370	35	49	150	9	123
	number--	1 901	37	59	199	(D)	166
Less than 40 horsepower (PTO)	farms--	754	25	26	111	6	57
	number--	872	25	26	118	(D)	74
40 horsepower (PTO) or more	farms--	798	10	25	75	3	71
	number--	1 029	12	33	81	(D)	92
Grain and bean combines	farms--	6	-	1	2	-	1
	number--	6	-	(D)	(D)	-	(D)
Cottonpickers and strippers	farms--	-	-	-	-	-	-
	number--	-	-	-	-	-	-
Mower conditioners	farms--	515	1	40	54	5	67
	number--	552	(D)	41	63	(D)	67
Pickup balers	farms--	228	1	13	29	3	21
	number--	244	(D)	15	31	(D)	19
Manufactured prior to 1983:							
Motortrucks, including pickups	farms--	4 224	84	267	465	25	289
	number--	8 178	142	400	805	38	547
Wheel tractors	farms--	4 822	70	353	465	41	327
	number--	11 259	125	1 013	1 324	(D)	784
Less than 40 horsepower (PTO)	farms--	3 731	61	297	389	33	272
	number--	6 752	105	533	831	(D)	495
40 horsepower (PTO) or more	farms--	2 522	18	241	256	16	174
	number--	4 507	20	480	493	(D)	289
Grain and bean combines	farms--	46	1	4	5	2	2
	number--	54	(D)	(D)	(D)	(D)	(D)
Cottonpickers and strippers	farms--	-	-	-	-	-	-
	number--	-	-	-	-	-	-
Mower conditioners	farms--	1 103	3	148	120	6	56
	number--	1 231	(D)	184	121	(D)	56
Pickup balers	farms--	1 639	1	208	114	9	124
	number--	1 749	(D)	238	117	(D)	134

See footnotes at end of table.

Table 8. Machinery and Equipment on Place: 1987 and 1982—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text.]

All Farms	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment								
farms, 1987	491	623	570	12	212	776	5	1 190
1982	392	559	587	8	205	648	4	1 014
\$1,000, 1987	14 418	18 025	19 546	464	5 814	36 757	87	36 902
1982	9 853	17 183	19 428	354	4 394	22 721	93	28 594
Average per farm	29 365	28 932	34 291	38 683	27 426	47 368	17 492	31 010
dollars, 1987	25 136	30 738	34 265	59 000	21 434	35 063	23 250	28 200
Farms by value group:								
\$1 to \$9,999	159	222	152	4	82	198	3	381
1982	144	218	216	-	81	223	-	371
\$10,000 to \$19,999	117	125	132	1	42	169	-	275
1982	72	129	132	-	50	180	1	215
\$20,000 to \$29,999	83	101	88	1	30	136	1	145
1982	74	40	63	1	40	60	2	127
\$30,000 to \$49,999	55	44	110	4	12	81	-	145
1982	54	66	58	2	21	62	1	102
\$50,000 to \$69,999	17	75	33	-	25	46	1	124
1982	14	46	26	1	5	43	-	99
\$70,000 to \$99,999	23	25	15	-	11	44	-	42
1982	17	22	29	1	3	34	-	59
\$100,000 to \$199,999	34	25	27	2	6	84	-	66
1982	17	27	27	1	3	31	-	31
\$200,000 or more	3	6	13	-	4	18	-	12
1982	-	11	16	-	2	15	-	10
\$200,000 to \$499,999	3	6	10	-	4	12	-	11
\$500,000 or more	-	-	3	-	-	6	-	1
SELECTED MACHINERY AND EQUIPMENT								
Motortrucks, including pickups	farms, 1987	411	555	456	12	161	699	5 1 013
	1982	332	459	456	6	185	527	4 886
	number, 1987	906	1 271	1 128	46	286	1 756	7 2 020
	1982	679	979	1 067	13	349	1 363	4 1 857
Wheel tractors	farms, 1987	439	567	525	8	188	635	3 1 039
	1982	314	471	426	5	132	458	2 859
	number, 1987	1 057	1 440	1 385	26	359	1 267	3 2 623
	1982	806	1 081	982	15	270	1 106	(D) 1 965
Less than 40 horsepower (PTO)	farms, 1987	323	391	439	6	140	549	2 812
	number, 1987	545	735	925	(D)	220	839	(D) 1 513
40 horsepower (PTO) or more	farms, 1987	235	361	248	5	99	252	1 569
	number, 1987	512	705	460	(D)	139	428	(D) 1 110
Grain and bean combines ¹	farms, 1987	3	6	2	-	-	1	- 9
	1982	-	7	-	-	-	-	- 3
	number, 1987	3	7	(D)	-	-	(D)	- 9
	1982	-	7	-	-	-	-	- 3
Cottonpickers and strippers	farms, 1987	-	-	-	-	-	-	-
	1982	-	-	-	-	-	-	-
	number, 1987	-	-	-	-	-	-	-
	1982	-	-	-	-	-	-	-
Mower conditioners	farms, 1987	131	191	83	2	27	103	1 341
	1982	84	162	107	2	21	89	- 348
	number, 1987	138	219	95	(D)	27	119	(D) 384
	1982	90	179	131	(D)	(D)	99	- 390
Pickup balers	farms, 1987	165	228	100	1	33	85	1 435
	1982	98	172	132	1	30	57	- 413
	number, 1987	173	249	102	(D)	34	106	(D) 468
	1982	104	185	135	(D)	37	75	- 435
1987 INVENTORY								
Manufactured 1983 to 1987:								
Motortrucks, including pickups	farms	178	115	228	7	71	423	2 377
	number	207	154	368	(D)	86	601	(D) 497
Wheel tractors	farms	90	98	165	3	51	265	- 230
	number	110	138	232	(D)	79	372	- 369
Less than 40 horsepower (PTO)	farms	45	61	113	2	37	159	- 83
	number	46	61	131	(D)	40	196	- 116
40 horsepower (PTO) or more	farms	47	53	84	2	30	137	- 183
	number	64	77	101	(D)	39	176	- 253
Grain and bean combines	farms	1	1	-	-	-	-	-
	number	(D)	(D)	-	-	-	-	-
Cottonpickers and strippers	farms	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-
Mower conditioners	farms	29	56	24	-	12	40	1 117
	number	29	65	24	-	12	46	(D) 129
Pickup balers	farms	6	53	26	-	2	7	1 47
	number	8	53	28	-	(D)	11	(D) 50
Manufactured prior to 1983:								
Motortrucks, including pickups	farms	338	485	342	9	137	491	4 855
	number	699	1 117	760	(D)	200	1 155	(D) 1 523
Wheel tractors	farms	402	527	478	8	154	498	3 970
	number	947	1 302	1 153	(D)	280	895	3 2 254
Less than 40 horsepower (PTO)	farms	294	339	399	6	107	437	2 742
	number	499	874	794	(D)	180	643	(D) 1 397
40 horsepower (PTO) or more	farms	225	336	203	5	82	157	1 490
	number	448	628	359	(D)	100	252	(D) 857
Grain and bean combines	farms	2	5	2	-	-	1	- 9
	number	(D)	(D)	(D)	-	-	(D)	- 9
Cottonpickers and strippers	farms	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-
Mower conditioners	farms	104	137	61	2	15	64	- 228
	number	109	154	71	(D)	15	73	- 255
Pickup balers	farms	160	185	75	1	31	80	- 399
	number	165	196	76	(D)	95	-	- 418

¹Data for 1982 include self-propelled only.

Table 9. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text.]

Chemicals used	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin	
Commercial fertilizer								
farms, 1987--	3 858	139	222	396	34	255	377	
1982--	3 293	82	148	358	29	219	392	
acres on which used, 1987--	138 832	(D)	13 759	9 624	650	5 729	18 489	
1982--	138 567	1 057	10 713	10 449	(D)	6 020	21 341	
Cropland fertilized, except pastureland								
farms, 1987--	3 688	127	204	386	32	249	364	
1982--	3 144	82	133	351	25	196	384	
acres on which used, 1987--	127 795	(D)	12 508	8 810	544	5 532	16 948	
1982--	126 747	(D)	9 282	9 551	714	5 715	18 972	
Pasturaland and rangeland fertilized								
farms, 1987--	538	12	33	38	4	11	76	
1982--	599	1	43	54	10	33	116	
acres on which used, 1987--	11 037	(D)	1 251	814	106	197	1 541	
1982--	11 820	(D)	1 431	898	(D)	305	2 369	
Lime								
farms, 1987--	1 339	40	52	178	14	97	184	
1982--	1 464	17	92	151	15	127	211	
acres on which used, 1987--	23 208	178	1 854	3 677	218	1 705	3 318	
1982--	27 222	65	1 882	2 972	201	1 667	5 538	
tons, 1987--	33 838	(D)	3 169	5 458	381	2 297	4 216	
1982--	44 149	105	3 258	4 199	431	3 078	7 807	
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops								
farms, 1987--	2 049	98	69	251	10	151	181	
1982--	1 760	72	54	225	12	116	116	
acres on which used, 1987--	49 252	1 184	1 257	4 293	104	1 891	6 447	
1982--	45 480	741	1 421	3 880	(D)	2 039	4 050	
Nematodes in crops								
farms, 1987--	152	4	1	9	-	18	24	
1982--	166	8	4	3	1	6	14	
acres on which used, 1987--	5 212	(D)	(D)	137	-	48	863	
1982--	4 087	28	(D)	(D)	(D)	18	792	
Diseases in crops and orchards								
farms, 1987--	1 093	55	14	98	4	102	114	
1982--	832	43	16	104	9	54	48	
acres on which used, 1987--	25 050	581	80	954	11	1 165	2 735	
1982--	20 104	539	109	1 149	(D)	531	2 157	
Weeds, grass, or brush in crops and pasture								
farms, 1987--	1 690	58	89	159	4	118	170	
1982--	1 514	41	63	186	11	106	168	
acres on which used, 1987--	57 337	745	4 232	3 672	(D)	2 356	6 505	
1982--	57 111	552	4 962	4 131	105	4 027	8 132	
Chemicals used for defoliation or for growth control of crops or thinning of fruit								
farms, 1987--	255	9	13	13	-	18	30	
1982--	239	12	-	23	3	13	16	
acres on which used, 1987--	5 928	51	23	166	-	115	487	
1982--	6 463	244	-	182	(D)	135	592	
Chemicals used	Hampden	Hampshire	Middlesex	Nantucket	Nortolk	Plymouth	Suffolk	Worcester
Commercial fertilizer								
farms, 1987--	321	439	341	8	146	567	3	610
1982--	239	375	246	4	99	491	3	608
acres on which used, 1987--	12 367	19 116	9 599	(D)	2 904	14 930	3	29 716
1982--	10 196	20 387	9 511	162	1 821	16 807	(D)	29 423
Cropland fertilized, except pastureland								
farms, 1987--	304	426	313	8	138	551	3	583
1982--	208	366	232	4	98	477	3	585
acres on which used, 1987--	10 871	17 911	9 190	(D)	2 334	14 616	3	26 693
1982--	9 101	18 805	8 699	162	1 642	16 254	(D)	26 783
Pasturaland and rangeland fertilized								
farms, 1987--	55	68	33	1	31	36	-	140
1982--	64	73	36	-	13	31	-	125
acres on which used, 1987--	1 496	1 205	409	(D)	570	314	-	3 023
1982--	1 095	1 582	812	-	179	353	-	2 640
Lime								
farms, 1987--	111	191	94	5	58	94	1	220
1982--	117	154	97	2	44	106	1	330
acres on which used, 1987--	1 233	4 007	702	(D)	973	1 051	(D)	4 156
1982--	1 743	3 981	1 448	(D)	616	1 334	(D)	5 724
tons, 1987--	1 756	5 580	1 309	243	1 283	1 832	(D)	6 100
1982--	3 063	5 577	2 621	(D)	505	2 197	(D)	11 217
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops								
farms, 1987--	162	173	189	5	50	471	3	236
1982--	107	161	200	4	70	416	3	204
acres on which used, 1987--	3 724	6 892	3 142	(D)	656	11 650	(D)	7 642
1982--	2 713	8 914	3 461	118	710	13 214	(D)	6 155
Nematodes in crops								
farms, 1987--	9	25	13	-	-	42	-	7
1982--	29	33	28	-	8	19	1	12
acres on which used, 1987--	227	1 663	289	-	-	1 304	-	504
1982--	306	934	261	-	10	525	(D)	645
Diseases in crops and orchards								
farms, 1987--	75	77	138	7	28	247	2	132
1982--	49	84	77	2	24	185	-	137
acres on which used, 1987--	1 731	3 701	1 779	(D)	396	6 673	(D)	4 877
1982--	1 129	3 562	2 355	(D)	205	4 486	-	3 748
Weeds, grass, or brush in crops and pasture								
farms, 1987--	117	175	118	4	30	368	-	280
1982--	106	152	121	2	30	309	1	218
acres on which used, 1987--	4 284	9 878	2 899	(D)	1 018	10 228	-	11 164
1982--	3 918	8 513	4 005	(D)	313	10 591	(D)	7 832
Chemicals used for defoliation or for growth control of crops or thinning of fruit								
farms, 1987--	10	17	31	-	4	52	2	56
1982--	12	13	41	-	3	37	-	66
acres on which used, 1987--	279	714	648	-	(D)	863	(D)	2 505
1982--	512	1 191	578	-	(D)	666	-	2 267

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
F FARMS							
Land in farms	farms, 1987--	6 216	158	392	675	58	439
	1982--	5 401	123	352	597	40	372
acres, 1987--	farms, 1987--	615 185	(D)	70 792	42 562	7 314	30 940
	1982--	612 819	5 010	73 434	41 883	7 355	30 283
Hervestad cropland	farms, 1987--	5 084	134	326	526	43	345
	1982--	4 608	111	313	499	32	290
acres, 1987--	farms, 1987--	194 874	(D)	22 280	14 554	709	12 714
	1982--	197 769	(D)	24 370	15 622	830	11 638
TENURE OF OPERATOR							
Full owners	farms, 1987--	4 313	121	246	453	43	321
	1982--	3 521	96	193	388	25	269
acres, 1987--	farms, 1987--	348 117	3 286	34 253	23 293	6 751	17 436
	1982--	303 952	2 673	33 178	20 248	6 325	17 261
Harvested cropland	farms, 1987--	3 377	102	195	342	31	240
	1982--	2 887	86	165	307	18	200
acres, 1987--	farms, 1987--	73 627	788	7 056	5 737	505	5 445
	1982--	66 272	607	6 775	5 357	198	4 743
Part owners	farms, 1987--	1 449	22	120	156	8	88
	1982--	1 481	16	137	143	10	78
acres, 1987--	farms, 1987--	231 033	1 228	31 951	14 918	515	12 215
	1982--	279 378	(D)	37 510	17 223	786	12 213
Owned land in farms	acres, 1987--	142 962	799	19 129	8 378	319	7 366
	1982--	182 407	(D)	23 309	9 297	551	7 129
Rented land in farms	acres, 1987--	88 071	429	12 822	6 540	196	4 849
	1982--	96 971	(D)	14 201	7 926	235	5 084
Harvested cropland	farms, 1987--	1 339	20	107	135	6	81
	1982--	1 396	16	131	136	10	72
acres, 1987--	farms, 1987--	105 444	552	13 419	7 059	173	6 292
	1982--	118 409	(D)	16 210	7 967	439	6 483
Tenants	farms, 1987--	454	15	26	66	7	30
	1982--	399	11	22	66	5	25
acres, 1987--	farms, 1987--	36 035	359	4 588	4 351	48	1 289
	1982--	29 489	(D)	2 746	4 412	244	809
Harvested cropland	farms, 1987--	368	12	24	49	6	24
	1982--	325	9	17	56	4	18
acres, 1987--	farms, 1987--	15 803	(D)	1 805	1 758	31	977
	1982--	13 088	(D)	1 385	2 298	193	412
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	1987--	4 918	103	323	545	44	349
	1982--	4 228	75	295	459	28	308
Not on farm operated	1987--	960	54	46	102	9	62
	1982--	784	41	34	90	10	40
Not reported	1987--	338	1	23	28	5	28
	1982--	389	7	23	48	2	24
Operators by principal occupation:							
Farming	1987--	3 174	85	195	358	30	227
	1982--	2 941	56	191	314	21	189
Other	1987--	3 042	73	197	317	28	212
	1982--	2 460	67	161	283	19	183
Operators by days of work off farm:							
None	1987--	2 371	67	165	275	23	179
	1982--	2 121	42	152	230	12	138
Any	1987--	3 516	84	200	350	34	239
	1982--	2 897	79	178	329	27	213
1 to 49 days	1987--	374	6	21	25	2	25
	1982--	271	14	17	27	1	23
50 to 99 days	1987--	178	3	5	15	2	14
	1982--	202	10	7	21	5	12
100 to 149 days	1987--	245	13	13	20	5	15
	1982--	225	3	11	26	5	20
150 to 199 days	1987--	436	12	24	45	4	37
	1982--	361	5	26	35	5	35
200 days or more	1987--	2 283	50	137	245	21	148
	1982--	1 838	47	117	220	11	123
Not reported	1987--	329	7	27	50	1	21
	1982--	383	2	22	38	1	21
Operators by years on present farm:							
2 years or less	1987--	249	12	9	27	-	15
	1982--	311	5	18	33	3	15
3 or 4 years	1987--	449	20	24	45	6	25
	1982--	508	8	22	69	4	46
5 to 9 years	1987--	1 165	30	72	138	18	69
	1982--	884	24	67	96	10	73
10 years or more	1987--	3 421	86	211	374	25	255
	1982--	2 792	73	195	285	15	179
Average years on present farm	1987--	18.8	16.0	20.6	17.3	15.4	21.0
	1982--	18.2	17.2	19.6	16.4	11.9	18.4
Not reported	1987--	932	10	76	91	9	75
	1982--	906	13	50	114	8	59

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
F FARMS								
Land in farms	farms, 1987--	490	624	569	12	212	775	5
	1982--	392	559	567	6	205	649	4
	acres, 1987--	46 747	64 567	38 709	819	13 124	77 140	(D)
	1982--	43 835	63 624	40 173	(D)	13 398	80 392	(D)
Harvested cropland	farms, 1987--	404	528	438	10	159	668	4
	1982--	338	493	460	6	156	561	4
	acres, 1987--	14 014	24 290	15 064	441	4 003	19 360	(D)
	1982--	13 089	26 465	15 491	(D)	3 486	19 313	13
TENURE OF OPERATOR								
Full owners	farms, 1987--	358	394	406	5	154	628	4
	1982--	247	323	391	3	146	525	3
	acres, 1987--	29 482	30 971	18 487	(D)	7 353	67 990	(D)
	1982--	23 686	23 464	18 488	(D)	7 351	55 694	(D)
Harvested cropland	farms, 1987--	283	313	298	3	112	531	3
	1982--	213	265	306	3	108	456	3
	acres, 1987--	5 971	6 778	4 164	(D)	1 238	15 315	(D)
	1982--	4 421	6 072	4 383	(D)	1 446	12 602	(D)
Part owners	farms, 1987--	107	187	126	3	36	96	1
	1982--	118	190	132	1	43	91	1
	acres, 1987--	15 720	30 861	18 445	(D)	5 019	6 969	(D)
	1982--	19 290	36 148	18 974	(D)	5 635	20 672	(D)
Owned land in farms	acres, 1987--	9 637	18 540	9 275	(D)	2 092	3 885	(D)
	1982--	12 189	22 995	9 588	(D)	3 176	16 626	(D)
Rented land in farms	acres, 1987--	6 083	12 321	9 170	(D)	2 927	3 084	(D)
	1982--	7 101	13 153	9 386	(D)	2 459	4 046	(D)
Harvested cropland	farms, 1987--	102	178	115	3	30	91	1
	1982--	108	189	120	1	35	80	1
	acres, 1987--	7 206	16 081	10 165	(D)	2 345	3 198	(D)
Tenants	1982--	8 240	18 476	9 655	(D)	1 963	5 631	(D)
	farms, 1987--	25	43	37	4	22	51	-
	1982--	27	46	44	2	16	33	70
	acres, 1987--	1 545	2 735	1 777	316	752	2 181	-
	1982--	859	4 012	2 711	(D)	412	4 026	-
Harvested cropland	farms, 1987--	19	37	25	4	17	46	-
	1982--	17	39	34	2	13	25	62
	acres, 1987--	837	1 431	735	(D)	420	847	-
	1982--	428	1 917	1 453	(D)	77	1 080	-
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	1987--	401	500	442	10	169	492	1
	1982--	316	444	433	4	159	419	3
Not on farm operated	1987--	61	73	83	2	30	236	3
	1982--	49	60	90	-	33	180	1
Not reported	1987--	28	51	44	-	13	47	1
	1982--	27	55	44	2	13	50	-
Operators by principal occupation:								
Farming	1987--	248	307	290	7	107	440	1
	1982--	199	337	313	4	90	369	3
Other	1987--	242	317	279	5	105	335	4
	1982--	193	222	254	2	115	280	1
Operators by days of work off farm:								
None	1987--	197	240	206	2	80	276	3
	1982--	147	224	247	1	69	246	2
Any	1987--	278	350	324	9	119	459	2
	1982--	218	287	291	3	118	344	1
1 to 49 days	1987--	26	39	47	2	8	66	-
	1982--	15	27	27	1	9	28	-
50 to 99 days	1987--	15	22	17	-	10	34	-
	1982--	9	31	23	1	11	25	30
100 to 149 days	1987--	23	17	23	2	4	35	-
	1982--	14	18	27	-	13	37	32
150 to 199 days	1987--	28	37	53	2	16	49	1
	1982--	22	39	34	-	10	38	66
200 days or more	1987--	186	235	184	3	81	275	1
	1982--	158	172	180	1	75	216	-
Not reported	1987--	15	34	39	1	13	40	-
	1982--	27	48	29	2	18	59	1
Operators by years on present farm:								
2 years or less	1987--	24	27	15	-	7	38	-
	1982--	23	38	25	-	3	44	-
3 or 4 years	1987--	30	41	44	1	8	59	1
	1982--	31	51	41	-	26	81	1
5 to 9 years	1987--	95	111	90	5	45	166	1
	1982--	55	80	90	1	34	98	2
10 years or more	1987--	258	321	318	6	126	421	2
	1982--	215	291	317	3	107	323	-
Average years on present farm	1987--	20.2	19.6	18.8	15.7	20.2	17.4	13.8
	1982--	19.2	19.0	19.1	18.8	20.2	17.0	5.0
Not reported	1987--	83	124	102	-	26	91	1
	1982--	68	99	94	2	35	103	1

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
OPERATOR CHARACTERISTICS—Con.							
Operators by age group:							
Under 25 years	50	-	4	8	-	-	4
1982	64	-	1	7	-	-	6
25 to 34 years	590	31	32	62	6	33	75
1982	681	16	41	73	11	45	91
35 to 44 years	1 477	32	87	160	16	99	179
1982	1 163	28	65	144	7	80	118
45 to 54 years	1 329	16	86	138	11	97	130
1982	1 118	23	93	138	8	78	101
55 to 64 years	1 305	29	82	161	9	101	117
1982	1 260	21	81	140	7	99	109
55 to 59 years	642	19	43	85	5	40	49
60 to 64 years	663	10	39	76	4	61	68
65 years and over	1 465	50	101	146	16	109	111
1982	1 115	35	71	95	7	70	96
65 to 69 years	595	21	42	76	6	30	48
70 years and over	870	29	59	70	10	79	63
Average age	52.6	52.3	53.5	52.0	52.9	54.1	50.2
1982	51.5	53.2	52.2	50.2	48.1	51.7	49.7
Operators by sex:							
Male	5 415	132	341	612	48	365	546
farms, 1987	5 415	132	341	612	48	365	546
1982	4 831	114	313	546	35	323	466
acres, 1987	571 616	4 402	65 604	39 580	(D)	26 962	76 225
1982	570 447	3 884	69 137	40 072	(D)	26 228	73 632
Female	801	26	51	63	10	74	70
farms, 1987	801	26	51	63	10	74	70
1982	570	9	39	51	5	49	55
acres, 1987	43 569	471	5 188	2 982	(D)	3 978	6 639
1982	42 372	1 126	4 297	1 811	(D)	4 055	5 780
TYPE OF ORGANIZATION							
Individual or family (sole proprietorship)							
farms, 1987	5 124	122	335	576	46	357	508
1982	4 541	104	308	522	30	314	436
acres, 1987	431 487	2 843	52 410	34 517	3 850	22 514	59 394
1982	429 422	3 495	58 164	33 155	(D)	22 110	57 508
Partnership							
farms, 1987	481	6	34	40	3	35	76
1982	377	3	27	42	1	25	55
acres, 1987	73 006	85	11 718	3 189	(D)	3 573	15 687
1982	63 463	(D)	9 200	4 072	(D)	3 352	13 490
Corporation:							
Family held	493	21	16	50	4	40	29
1982	365	10	13	23	4	24	23
acres, 1987	81 497	1 103	(D)	(D)	1 191	3 957	7 468
1982	82 599	(D)	(D)	3 479	(D)	(D)	6 691
Other than family held	51	5	2	2	1	3	-
1982	48	2	1	5	1	1	4
acres, 1987	5 038	196	(D)	(D)	(D)	280	-
1982	8 779	(D)	(D)	567	(D)	(D)	526
Other—cooperative, estate or trust, institutional, etc.							
farms, 1987	67	4	5	7	4	4	3
1982	70	4	3	5	4	8	3
acres, 1987	24 157	640	3 190	670	(D)	616	315
1982	28 556	(D)	2 165	610	4 701	1 736	1 197

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
OPERATOR CHARACTERISTICS—Con.								
Operators by age group:								
Under 25 years	1987--	2	11	4	-	8	-	9
	1982--	3	11	9	-	10	-	16
25 to 34 years	1987--	37	52	56	3	22	62	-
	1982--	39	80	62	-	28	75	-
35 to 44 years	1987--	121	135	116	3	46	200	1
	1982--	83	105	104	2	43	149	1
45 to 54 years	1987--	78	130	139	5	46	187	3
	1982--	73	87	151	2	43	126	1
55 to 64 years	1987--	108	109	143	-	50	151	1
	1982--	109	138	119	-	51	142	1
55 to 59 years	1987--	52	52	71	-	21	73	1
60 to 64 years	1987--	56	57	72	-	29	78	-
65 years and over	1987--	144	187	111	1	48	167	-
	1982--	85	138	122	2	39	147	1
65 to 69 years	1987--	65	70	40	-	22	49	-
70 years and over	1987--	79	117	71	1	26	118	-
Average age	1987--	54.7	54.0	52.6	44.8	53.0	52.1	47.4
	1982--	53.2	52.3	51.9	51.5	51.6	52.0	56.0
Operators by sex:								
Male	farms, 1987--	429	572	466	11	167	676	5
	1982--	366	504	483	6	181	583	3
acres, 1987--	42 739	61 712	35 322	817	12 018	73 857	(D)	125 383
	1982--	40 989	60 094	37 057	(D)	12 179	76 228	(D)
Female	farms, 1987--	61	52	103	1	45	99	-
	1982--	26	55	84	-	24	66	1
acres, 1987--	4 008	2 855	3 387	(D)	1 106	3 283	-	9 306
	1982--	2 846	3 530	3 116	-	1 219	4 164	(D)
TYPE OF ORGANIZATION								
Individual or family (sola proprietorship)								
farms, 1987--	428	529	437	10	151	592	1	1 032
	1982--	344	484	454	6	155	502	1
acres, 1987--	36 564	46 576	26 694	(D)	10 105	31 419	(D)	104 078
	1982--	34 414	48 030	29 808	(D)	10 046	27 962	(D)
Partnership								
farms, 1987--	28	60	50	2	17	47	2	81
	1982--	25	40	34	-	11	45	-
acres, 1987--	4 729	7 996	4 035	(D)	1 155	8 371	(D)	12 007
	1982--	4 755	6 070	2 033	-	1 021	4 606	-
Corporation:								
Family held	farms, 1987--	27	24	63	-	34	114	2
	1982--	20	25	62	-	35	71	3
acres, 1987--	4 312	7 560	6 005	-	1 015	30 731	(D)	(D)
	1982--	4 014	(D)	5 728	-	1 127	39 824	(D)
Other than family held	farms, 1987--	4	5	12	-	7	8	2
	1982--	2	2	11	-	-	17	-
acres, 1987--	(D)	1 046	377	-	243	1 882	-	(D)
	1982--	(D)	1 068	-	-	3 508	-	(D)
Other—cooperative, estate or trust, institutional, etc.								
farms, 1987--	3	6	7	-	3	14	-	7
	1982--	1	8	6	-	4	14	-
acres, 1987--	(D)	1 389	1 598	-	606	4 737	-	7 545
	1982--	(D)	1 760	1 536	-	1 204	4 492	-

Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
INVENTORY							
Cattle and calves							
farms, 1987	2 112	11	214	254	15	95	296
1982	2 311	16	247	273	15	117	302
number, 1987	83 065	(D)	11 715	8 154	177	3 372	13 444
1982	102 366	(D)	13 476	10 623	427	4 268	15 453
Farms by inventory:							
1 to 9							
farms, 1987	851	10	65	132	9	39	116
1982	884	11	77	123	6	54	91
number, 1987	4 260	(D)	376	588	(D)	163	510
1982	4 036	(D)	358	549	(D)	252	413
10 to 19							
farms, 1987	347	-	46	41	3	21	39
1982	359	3	44	36	3	19	48
number, 1987	4 623	-	634	540	(D)	258	546
1982	4 962	(D)	820	504	(D)	238	677
20 to 49							
farms, 1987	310	1	37	33	2	12	53
1982	412	2	39	39	4	16	59
number, 1987	9 510	(D)	1 153	1 068	(D)	348	1 656
1982	12 951	(D)	1 188	1 172	(D)	539	1 886
50 to 99							
farms, 1987	264	-	29	29	1	10	46
1982	357	-	38	46	1	16	60
number, 1987	18 329	-	2 084	(D)	(D)	710	3 321
1982	24 746	-	2 686	3 165	(D)	1 048	4 260
100 to 199							
farms, 1987	169	-	23	12	-	12	32
1982	214	-	36	20	1	8	32
number, 1987	23 353	-	3 236	(D)	-	(D)	4 344
1982	28 868	-	4 983	2 657	(D)	1 113	(D)
200 to 499							
farms, 1987	66	-	13	7	-	1	8
1982	80	-	13	9	-	4	11
number, 1987	18 683	-	(D)	2 439	-	(D)	(D)
1982	22 018	-	3 643	2 576	-	1 078	(D)
500 or more							
farms, 1987	5	-	1	-	-	-	1
1982	5	-	-	-	-	-	(D)
number, 1987	4 307	-	(D)	-	-	-	(D)
1982	4 785	-	-	-	-	-	-
Cows and heifers that had calved							
farms, 1987	1 757	10	186	194	13	78	246
1982	1 922	10	217	209	14	95	264
number, 1987	46 605	(D)	6 479	5 137	70	1 788	7 175
1982	58 067	(D)	7 545	6 584	210	2 556	8 113
Beef cows							
farms, 1987	1 124	8	114	133	7	60	125
1982	1 071	8	124	121	9	62	121
number, 1987	9 692	(D)	1 197	1 155	53	510	700
1982	8 176	54	1 134	1 085	(D)	441	659
1987 farms by inventory:							
1 to 9							
farms	869	8	79	110	6	47	108
number	3 236	(D)	368	458	(D)	146	370
10 to 19							
farms	150	-	17	14	1	4	13
number	1 884	-	217	165	(D)	(D)	165
20 to 49							
farms	79	-	15	6	-	(D)	(D)
number	2 150	-	417	172	-	(D)	(D)
50 to 99							
farms	16	-	3	-	-	1	2
number	1 005	-	195	-	-	(D)	(D)
100 to 199							
farms	9	-	-	3	-	-	-
number	(D)	-	-	360	-	-	-
200 to 499							
farms	1	-	-	-	-	-	-
number	(D)	-	-	-	-	-	-
500 or more							
farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Milk cows							
farms, 1987	838	2	92	88	7	30	151
1982	1 111	5	133	111	6	46	169
number, 1987	36 913	(D)	5 282	3 982	17	1 278	6 475
1982	49 891	(D)	6 411	5 489	(D)	2 115	7 454
1987 farms by inventory:							
1 to 9							
farms	294	1	30	32	7	12	50
number	726	(D)	81	70	17	(D)	117
10 to 19							
farms	35	-	4	3	-	2	4
number	478	-	51	46	-	(D)	55
20 to 49							
farms	214	1	12	26	-	5	46
number	7 448	(D)	441	883	-	193	1 565
50 to 99							
farms	193	-	25	18	-	8	37
number	13 073	-	1 635	1 182	-	596	2 529
100 to 199							
farms	86	-	17	5	-	3	11
number	11 040	-	2 149	581	-	(D)	1 396
200 to 499							
farms	16	-	4	4	-	-	3
number	4 148	-	825	1 110	-	-	813
500 or more							
farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Heifers and heifer calves							
farms, 1987	1 356	6	181	136	11	61	219
1982	1 707	9	191	179	12	80	244
number, 1987	26 965	19	3 594	1 773	80	1 080	5 325
1982	35 859	(D)	5 096	2 545	132	1 406	6 484
Steers, steer calves, bulls, and bull calves							
farms, 1987	1 170	8	139	139	8	70	152
1982	1 473	9	152	189	10	82	199
number, 1987	9 495	(D)	1 842	1 244	27	504	944
1982	8 440	(D)	835	1 494	85	306	856

Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
INVENTORY								
Cattle and calves								
farms, 1987--	186	255	134	1	47	93	-	511
1982--	186	253	158	1	62	142	-	538
number, 1987--	5 582	10 762	4 351	(D)	1 496	4 539	-	19 342
1982--	7 063	12 112	5 070	(D)	1 500	7 263	-	24 951
Farms by inventory:								
1 to 9								
farms, 1987--	95	108	70	-	14	62	-	231
1982--	75	83	75	-	26	90	-	173
number, 1987--	388	487	291	-	84	246	-	1 031
1982--	360	381	332	-	127	340	-	859
10 to 19								
farms, 1987--	32	41	22	-	5	11	-	86
1982--	30	37	21	-	14	13	-	90
number, 1987--	411	581	294	-	(D)	153	-	1 113
1982--	409	541	273	(D)	209	176	-	1 204
20 to 49								
farms, 1987--	28	41	18	1	15	3	-	65
1982--	35	52	36	-	12	11	-	107
number, 1987--	838	1 240	509	(D)	502	87	-	1 977
1982--	1 133	1 693	1 094	-	385	347	-	3 359
50 to 99								
farms, 1987--	13	32	10	-	12	6	-	76
1982--	25	44	15	-	7	11	-	94
number, 1987--	823	2 246	717	-	(D)	373	-	5 306
1982--	1 644	3 090	1 121	-	461	(D)	-	6 526
100 to 199								
farms, 1987--	12	23	7	-	1	8	-	39
1982--	15	27	8	-	3	12	-	52
number, 1987--	1 701	3 159	1 012	-	(D)	1 058	-	5 584
1982--	2 083	3 465	1 203	-	318	(D)	-	(D)
200 to 499								
farms, 1987--	6	9	6	-	-	2	-	13
1982--	6	10	4	-	-	2	-	21
number, 1987--	1 421	(D)	1 528	-	-	(D)	-	(D)
1982--	1 434	2 942	1 047	-	-	(D)	-	5 437
500 or more								
farms, 1987--	-	1	-	-	-	1	-	1
1982--	-	(D)	-	-	-	3	-	1
number, 1987--	-	-	-	-	-	(D)	-	(D)
1982--	-	-	-	-	-	(D)	-	(D)
Cows and heifers that had calved								
farms, 1987--	163	209	113	1	44	74	-	426
1982--	153	209	122	-	56	105	-	467
number, 1987--	3 392	6 143	2 460	(D)	853	1 614	-	11 430
1982--	3 941	6 476	2 687	(D)	869	5 014	-	13 982
Beef cows								
farms, 1987--	113	121	85	1	35	52	-	270
1982--	84	96	91	-	40	57	-	247
number, 1987--	1 039	872	966	(D)	256	(D)	-	2 497
1982--	582	471	916	(D)	296	358	-	2 081
1987 farms by inventory:								
1 to 9								
farms--	84	96	60	1	25	43	-	202
number--	274	363	196	(D)	84	124	-	785
10 to 19								
farms--	14	20	13	-	5	7	-	42
number--	186	259	154	-	64	89	-	514
20 to 49								
farms--	11	3	8	-	5	1	-	20
number--	265	(D)	(D)	-	108	(D)	-	568
50 to 99								
farms--	3	2	1	-	-	-	-	4
number--	(D)	(D)	(D)	-	-	-	-	(D)
100 to 199								
farms--	1	-	3	-	-	1	-	1
number--	(D)	-	374	-	-	(D)	-	(D)
200 to 499								
farms--	-	-	-	-	-	-	-	1
number--	-	-	-	-	-	-	-	(D)
500 or more								-
farms--	-	-	-	-	-	-	-	-
number--	-	-	-	-	-	-	-	-
Milk cows								
farms, 1987--	67	112	38	-	18	29	-	204
1982--	90	146	52	-	23	55	-	275
number, 1987--	2 353	5 271	1 494	-	597	(D)	-	8 933
1982--	3 359	6 005	1 771	-	573	4 656	-	11 901
1987 farms by inventory:								
1 to 9								
farms--	26	35	20	-	4	13	-	64
number--	58	79	(D)	-	12	(D)	-	150
10 to 19								
farms--	3	3	1	-	2	-	-	13
number--	34	38	(D)	-	(D)	-	-	177
20 to 49								
farms--	22	31	4	-	6	7	-	54
number--	694	1 000	124	-	(D)	273	-	1 924
50 to 99								
farms--	9	29	7	-	6	5	-	49
number--	659	2 040	474	-	335	347	-	3 266
100 to 199								
farms--	7	11	5	-	-	4	-	23
number--	908	(D)	615	-	-	540	-	(D)
200 to 499								
farms--	-	3	1	-	-	-	-	1
number--	-	(D)	(D)	-	-	-	-	(D)
500 or more								-
farms--	-	-	-	-	-	-	-	-
number--	-	-	-	-	-	-	-	-
Heifers and heifer calves								
farms, 1987--	109	171	76	-	34	48	-	324
1982--	137	203	106	1	41	79	-	425
number, 1987--	1 721	4 042	1 279	-	477	1 666	-	5 909
1982--	2 433	4 826	1 802	(D)	365	1 883	-	8 849
Steers, steer calves, bulls, and bull calves								
farms, 1987--	92	142	72	1	30	46	-	273
1982--	121	146	99	-	40	95	-	320
number, 1987--	469	577	612	(D)	166	(D)	-	2 003
1982--	689	810	581	(D)	266	366	-	2 120

Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.

(For meaning of abbreviations and symbols, see introductory text)

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
SALES							
Dairy products sold							
farms, 1987	609	1	66	65	3	23	115
1982	879	3	95	94	6	38	138
\$1,000, 1987	63 309	(D)	9 100	6 072	(D)	2 167	11 015
1982	80 840	(D)	11 088	8 663	(D)	3 349	12 445
Cattle and calves sold							
farms, 1987	1 725	8	197	198	11	83	251
1982	1 908	10	211	212	12	95	264
number, 1987	39 668	(D)	5 589	4 319	80	1 957	5 524
1982	47 034	62	5 496	5 654	(D)	2 145	6 478
\$1,000, 1987	11 297	(D)	1 357	1 467	(D)	654	1 577
1982	12 212	29	1 307	1 738	(D)	684	1 626
1987 farms by number sold:							
1 to 9	farms	911	7	97	115	35	124
	number	3 583	26	424	458	(D)	464
10 to 19	farms	276	1	30	36	-	45
	number	3 819	(D)	421	491	-	619
20 to 49	farms	317	-	39	26	-	57
	number	10 114	-	1 197	845	(D)	1 967
50 to 99	farms	148	-	18	14	-	16
	number	9 968	-	1 224	886	-	(D)
							1 088
100 to 199	farms	53	-	9	3	-	7
	number	6 681	-	1 126	479	-	(D)
200 to 499	farms	19	-	3	4	-	2
	number	(D)	-	(D)	1 160	-	(D)
500 or more	farms	1	-	1	-	-	-
	number	(D)	-	(D)	-	-	-
Calves sold							
farms, 1987	1 074	6	128	99	4	55	167
1982	1 272	5	147	140	6	58	191
number, 1987	20 745	(D)	2 883	1 795	(D)	843	3 068
1982	26 400	28	3 223	2 913	109	929	3 713
\$1,000, 1987	1 837	1	225	124	(D)	73	199
1982	1 995	1	200	197	11	85	195
1987 farms by number sold:							
1 to 9	farms	526	5	62	54	3	75
	number	1 858	14	193	203	(D)	283
10 to 19	farms	199	1	17	14	-	40
	number	2 650	(D)	212	184	-	550
20 to 49	farms	244	-	30	23	-	40
	number	7 438	-	885	618	(D)	341
50 to 99	farms	81	-	14	5	-	10
	number	5 095	-	897	340	-	(D)
100 to 199	farms	19	-	5	2	-	1
	number	2 457	-	696	(D)	-	(D)
200 to 499	farms	5	-	-	1	-	(D)
	number	1 247	-	-	(D)	-	-
500 or more	farms	-	-	-	-	-	-
	number	-	-	-	-	-	-
Cattle sold							
farms, 1987	1 514	5	178	175	11	78	232
1982	1 703	6	183	189	10	78	250
number, 1987	18 923	(D)	2 706	2 524	(D)	1 114	2 456
1982	20 634	34	2 273	2 741	(D)	1 216	2 765
\$1,000, 1987	9 461	5	1 133	1 343	23	580	1 378
1982	10 216	28	1 108	1 541	(D)	598	1 430
1987 farms by number sold:							
1 to 9	farms	990	5	106	111	10	48
	number	3 730	(D)	417	391	(D)	562
10 to 19	farms	283	-	38	38	1	43
	number	3 734	-	512	500	(D)	558
20 to 49	farms	175	-	26	16	-	25
	number	4 971	-	764	410	-	702
50 to 99	farms	49	-	6	6	-	8
	number	3 288	-	(D)	385	-	(D)
100 to 199	farms	12	-	1	2	-	1
	number	1 361	-	(D)	(D)	-	(D)
200 to 499	farms	4	-	-	2	-	-
	number	(D)	-	-	(D)	-	-
500 or more	farms	1	-	1	-	-	-
	number	(D)	-	(D)	-	-	-
Cattle fattened on grain and concentrates sold							
farms, 1987	352	2	23	51	6	30	41
1982	342	2	32	50	3	14	31
number, 1987	2 712	(D)	133	756	9	143	125
1982	2 772	(D)	146	885	(D)	40	387
\$1,000, 1987	1 588	(D)	72	474	5	97	66
1982	1 535	(D)	69	570	(D)	28	216
1987 farms by number sold:							
1 to 9	farms	313	2	19	44	6	26
	number	910	(D)	(D)	131	9	125
10 to 19	farms	19	-	1	3	-	-
	number	268	-	(D)	44	-	(D)
20 to 49	farms	13	-	3	1	-	-
	number	362	-	68	(D)	-	(D)
50 to 99	farms	4	-	-	2	-	-
	number	252	-	-	(D)	-	-
100 to 199	farms	1	-	-	-	-	-
	number	(D)	-	-	(D)	-	-
200 to 499	farms	2	-	-	-	-	-
	number	(D)	-	-	(D)	-	-
500 or more	farms	-	-	-	-	-	-
	number	-	-	-	-	-	-

Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory fax.]

Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
SALES								
Dairy products sold								
farms, 1987	41	80	24	-	16	20	-	155
1982	72	123	38	-	16	37	-	219
\$1,000, 1987	4 023	8 246	2 833	-	648	2 049	-	16 095
1982	5 143	10 045	2 761	-	705	6 395	-	19 696
Cattle and calves sold								
farms, 1987	134	208	106	1	43	68	-	419
1982	147	218	124	1	50	96	-	468
number, 1987	2 256	5 028	2 232	(D)	660	2 117	-	9 855
1982	2 820	5 606	(D)	(D)	(D)	3 559	-	11 679
\$1,000, 1987	616	1 135	836	(D)	168	788	-	2 669
1982	642	1 373	(D)	(D)	(D)	1 037	-	2 738
1987 farms by number sold:								
1 to 9	farms	80	105	62	1	20	45	-
	number	333	410	213	(D)	101	140	-
10 to 19	farms	23	34	10	-	9	4	-
	number	317	485	128	-	130	(D)	-
20 to 49	farms	17	35	19	-	14	7	-
	number	509	1 080	560	-	429	(D)	-
50 to 99	farms	10	26	10	-	-	2	-
	number	819	1 768	720	-	-	(D)	-
100 to 199	farms	4	5	5	-	-	5	-
	number	478	819	610	-	-	583	-
200 to 499	farms	-	3	-	-	-	3	-
	number	-	685	-	-	-	849	-
500 or more	farms	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-
Calves sold								
farms, 1987	91	151	60	1	27	37	-	248
1982	104	160	71	-	32	55	-	303
number, 1987	1 252	3 174	911	(D)	347	809	-	5 594
1982	1 666	3 010	1 164	-	335	1 789	-	7 521
\$1,000, 1987	153	275	74	(D)	23	64	-	824
1982	127	172	89	-	23	122	-	772
1987 farms by number sold:								
1 to 9	farms	52	69	36	1	14	21	-
	number	164	229	134	(D)	70	62	-
10 to 19	farms	19	30	9	-	5	3	-
	number	245	410	119	-	72	(D)	-
20 to 49	farms	14	35	11	-	8	8	-
	number	440	1 098	357	-	205	(D)	-
50 to 99	farms	5	13	3	-	-	3	-
	number	(D)	829	(D)	-	-	(D)	-
100 to 199	farms	1	3	1	-	-	2	-
	number	(D)	(D)	(D)	-	-	(D)	-
200 to 499	farms	-	1	-	-	-	-	-
	number	-	(D)	-	-	-	-	-
500 or more	farms	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-
Cattle sold								
farms, 1987	117	167	91	-	39	53	-	368
1982	132	197	100	1	46	90	-	419
number, 1987	1 004	1 854	1 321	-	313	1 308	-	4 261
1982	1 154	2 596	(D)	(D)	(D)	1 770	-	4 158
\$1,000, 1987	463	860	762	-	146	724	-	2 045
1982	515	1 201	(D)	(D)	(D)	915	-	1 965
1987 farms by number sold:								
1 to 9	farms	88	110	58	-	24	39	-
	number	309	403	222	-	101	118	-
10 to 19	farms	18	31	13	-	12	4	-
	number	232	402	182	-	142	(D)	-
20 to 49	farms	9	19	12	-	3	5	-
	number	(D)	513	354	-	70	(D)	-
50 to 99	farms	1	6	7	-	-	2	-
	number	(D)	(D)	(D)	-	-	(D)	-
100 to 199	farms	1	1	1	-	-	1	-
	number	(D)	(D)	(D)	-	-	(D)	-
200 to 499	farms	-	-	-	-	-	2	-
	number	-	-	-	-	-	(D)	-
500 or more	farms	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-
Cattle fattened on grain and concentrates sold								
farms, 1987	32	28	29	-	8	20	-	82
1982	29	29	34	-	10	29	-	79
number, 1987	106	88	342	-	(D)	451	-	500
1982	285	221	140	-	82	98	-	439
\$1,000, 1987	48	56	181	-	(D)	270	-	282
1982	107	116	75	-	39	67	-	205
1987 farms by number sold:								
1 to 9	farms	31	26	22	-	7	19	-
	number	(D)	(D)	58	-	(D)	(D)	-
10 to 19	farms	1	2	3	-	-	-	-
	number	(D)	(D)	53	-	-	-	-
20 to 49	farms	-	-	2	-	1	-	-
	number	-	-	(D)	-	(D)	-	-
50 to 99	farms	-	-	1	-	-	-	-
	number	-	-	(D)	-	-	-	-
100 to 199	farms	-	-	1	-	-	-	-
	number	-	-	(D)	-	-	-	-
200 to 499	farms	-	-	-	-	-	1	-
	number	-	-	-	-	-	(D)	-
500 or more	farms	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-

Table 12. Hogs and Pigs—Inventory, Litters, and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
INVENTORY							
Hogs and pigs							
farms, 1987	498	3	34	90	8	20	56
1982	619	9	55	83	8	32	52
number, 1987	25 816	17	199	5 017	41	561	556
1982	39 570	96	641	5 345	24	641	327
Farms by inventory:							
1 to 24	388	3	33	61	8	14	50
farms, 1987	388	3	33	61	8	14	50
1982	467	8	51	57	8	27	49
number, 1987	2 173	17	(D)	350	41	99	250
1982	2 403	(D)	234	385	24	(D)	238
25 to 49	37	-	1	7	-	2	5
farms, 1987	37	-	1	7	-	2	5
1982	38	-	2	6	-	-	3
number, 1987	1 287	-	(D)	233	-	(D)	(D)
1982	1 301	-	(D)	216	-	-	89
50 to 99	18	-	-	5	-	3	-
farms, 1987	18	-	-	5	-	3	-
1982	35	1	-	5	-	4	-
number, 1987	1 189	-	-	418	-	(D)	-
1982	2 424	(D)	-	328	-	260	-
100 to 199	23	-	-	10	-	-	1
farms, 1987	23	-	-	10	-	-	1
1982	35	-	1	9	-	-	-
number, 1987	3 025	-	(D)	1 353	-	-	(D)
1982	5 028	-	(D)	-	-	-	-
200 to 499	21	-	-	6	-	1	-
farms, 1987	21	-	-	6	-	1	-
1982	29	-	1	5	-	1	-
number, 1987	5 756	-	-	(D)	-	(D)	-
1982	7 544	-	(D)	1 230	-	(D)	-
500 to 999	5	-	-	-	-	-	-
farms, 1987	5	-	-	-	-	-	-
1982	9	-	-	-	-	-	-
number, 1987	2 926	-	-	-	-	-	-
1982	5 820	-	-	-	-	-	-
1,000 or more	6	-	-	1	-	-	-
farms, 1987	6	-	-	1	-	-	-
1982	6	-	-	1	-	-	-
number, 1987	9 460	-	-	(D)	-	-	-
1982	15 050	-	(D)	-	-	-	-
Hogs and pigs used or to be used for breeding							
farms, 1987	211	3	15	38	3	14	20
1982	281	2	15	41	4	15	27
number, 1987	3 189	(D)	59	654	9	84	90
1982	4 639	(D)	122	391	10	125	73
1987 farms by inventory:							
1 to 24	179	3	15	32	3	13	19
25 to 49	16	-	-	2	-	1	1
50 to 99	13	-	-	4	-	-	-
100 or more	farms	3	-	-	-	-	-
	number	770	-	-	-	-	-
Other hogs and pigs							
farms, 1987	444	1	29	83	7	18	52
1982	575	8	52	77	6	30	43
number, 1987	22 627	(D)	140	4 363	32	477	466
1982	34 931	(D)	519	4 954	14	516	254
LITTERS							
Litters of pigs farrowed between—							
Dec. 1 of preceding year end Nov. 30	farms, 1987	218	3	16	39	3	14
	1982	293	2	16	44	4	16
number, 1987	3 837	4	50	872	12	121	118
	1982	6 009	(D)	75	595	(D)	164
Dec. 1 of preceding year and May 31	farms, 1987	202	3	16	38	3	14
	1982	242	2	10	34	3	12
number, 1987	1 882	(D)	35	469	(D)	68	60
	1982	3 061	(D)	22	366	(D)	85
June 1 and Nov. 30	farms, 1987	165	1	7	33	3	11
	1982	227	1	14	35	4	11
number, 1987	1 955	(D)	15	403	(D)	53	58
	1982	2 948	(D)	53	229	(D)	79
SALES							
Hogs and pigs sold							
farms, 1987	387	1	23	65	7	18	44
1982	451	8	26	68	13	21	33
number, 1987	40 048	(D)	388	9 279	126	1 719	1 145
1982	44 391	90	454	6 301	66	819	493
\$1,000, 1987	4 220	(D)	24	709	19	183	78
1982	4 497	9	43	669	8	58	33
1987 farms by number sold:							
1 to 24	farms	228	1	20	30	4	7
	number	1 803	(D)	208	267	14	244
25 to 49	farms	55	-	2	3	3	6
	number	1 909	-	(D)	126	112	205
50 to 99	farms	38	-	-	13	-	2
	number	2 499	-	-	846	-	(D)
100 to 199	farms	33	-	1	15	-	(D)
	number	4 630	-	(D)	2 300	-	-
200 to 499	farms	15	-	-	1	-	-
	number	(D)	-	-	(D)	-	-
500 to 999	farms	11	-	-	1	-	1
	number	(D)	-	-	(D)	-	(D)
1,000 or more	farms	7	-	-	2	-	-
	number	17 500	-	-	(D)	-	-
Feeder pigs sold							
farms, 1987	96	-	11	12	-	7	15
1982	127	1	5	18	2	6	12
number, 1987	9 091	-	283	(D)	-	414	853
1982	7 363	(D)	94	913	(D)	411	319
\$1,000, 1987	374	-	10	85	-	18	39
1982	270	(D)	4	40	(D)	15	9
Hogs and pigs other than feeder pigs sold							
farms, 1987	355	1	17	60	7	15	37
1982	404	7	24	59	12	20	30
number, 1987	30 957	(D)	105	(D)	126	1 305	292
1982	37 028	(D)	360	5 388	(D)	408	174
\$1,000, 1987	3 846	(D)	14	624	19	165	39
1982	4 226	(D)	40	629	(D)	42	24

Table 12. Hogs and Pigs—Inventory, Litters, and Sales: 1987 and 1982—Con.

{For meaning of abbreviations and symbols, see introductory text}

Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
INVENTORY								
Hogs and pigs	farms, 1987--	40	32	54	-	14	27	-
	1982--	32	53	68	-	22	67	120
number, 1987--	248	2 808	5 080	-	787	3 152	-	137
	1982--	(D)	2 497	8 626	(D)	1 461	5 197	7 350
Farms by inventory:								14 253
1 to 24	farms, 1987--	38	21	40	-	10	20	-
	1982--	27	41	44	-	17	48	90
number, 1987--	(D)	113	277	-	42	106	-	89
	1982--	152	207	258	(D)	48	182	531
25 to 49	farms, 1987--	2	6	3	-	2	-	496
	1982--	3	5	3	-	-	5	9
number, 1987--	(D)	235	120	-	(D)	-	-	11
	1982--	126	(D)	103	-	-	166	276
50 to 99	farms, 1987--	-	-	3	-	-	2	-
	1982--	1	2	9	-	-	4	5
number, 1987--	-	-	190	-	-	-	(D)	9
	1982--	(D)	(D)	607	-	-	290	285
100 to 199	farms, 1987--	-	-	4	-	-	1	-
	1982--	1	3	6	-	2	6	7
number, 1987--	-	-	(D)	-	-	-	(D)	1 020
	1982--	(D)	(D)	(D)	-	(D)	(D)	882
200 to 499	farms, 1987--	-	-	4	-	2	2	-
	1982--	-	-	4	-	2	1	5
number, 1987--	-	(D)	(D)	-	(D)	(D)	(D)	1 462
	1982--	-	-	826	-	(D)	(D)	4 313
500 to 999	farms, 1987--	-	-	1	-	-	1	-
	1982--	-	2	-	-	-	2	4
number, 1987--	-	-	(D)	-	-	(D)	(D)	(D)
	1982--	-	(D)	-	-	(D)	(D)	(D)
1,000 or more	farms, 1987--	-	-	1	-	-	1	-
	1982--	-	-	2	-	-	1	1
number, 1987--	-	(D)	(D)	-	-	(D)	-	2
	1982--	-	(D)	-	-	(D)	-	(D)
Hogs and pigs used or to be used for breeding	farms, 1987--	10	12	22	-	5	11	-
	1982--	12	22	39	-	8	23	58
number, 1987--	55	480	277	-	(D)	206	-	73
	1982--	(D)	344	657	-	186	626	1 174
	1987 farms by inventory:							1 997
1 to 24	farms--	10	6	21	-	3	8	-
	1982--	-	4	-	-	1	2	46
25 to 49	farms--	-	1	-	-	1	1	5
50 to 99	farms--	-	1	-	-	-	-	6
100 or more	farms--	-	1	1	-	-	-	1
number--	-	(D)	(D)	-	-	-	-	(D)
Other hogs and pigs	farms, 1987--	32	31	48	-	14	24	-
	1982--	31	50	63	-	21	65	105
number, 1987--	193	2 328	4 803	-	(D)	2 946	-	128
	1982--	370	2 153	7 969	(D)	1 275	4 571	6 176
	1987 farms by number sold:							12 256
1 to 24	farms--	21	6	30	-	7	21	-
number--	133	59	298	-	(D)	127	-	47
25 to 49	farms--	3	6	3	-	2	1	337
number--	111	198	109	-	(D)	(D)	-	18
50 to 99	farms--	1	3	7	-	-	-	607
number--	(D)	181	438	-	-	-	-	11
100 to 199	farms--	-	2	5	-	-	412	-
number--	-	(D)	(D)	-	-	-	-	750
200 to 499	farms--	-	1	1	-	2	1	-
number--	-	(D)	(D)	-	(D)	(D)	-	7
500 to 999	farms--	-	1	1	-	-	2	2 163
number--	-	(D)	(D)	-	(D)	(D)	-	4
1,000 or more	farms--	-	1	3	-	-	(D)	2 728
number--	-	(D)	6 500	-	-	(D)	-	-
Feeder pigs sold	farms, 1987--	3	9	7	-	3	5	-
	1982--	4	15	9	-	6	12	24
number, 1987--	125	1 790	324	-	(D)	272	-	37
	1982--	221	653	382	-	784	716	1 490
\$1,000, 1987--	3	(D)	12	-	(D)	(D)	-	2 791
	1982--	8	25	14	-	35	28	45
Hogs and pigs other than feeder pigs sold	farms, 1987--	24	18	47	-	10	28	-
	1982--	16	34	52	-	13	43	91
number, 1987--	(D)	2 855	8 415	-	(D)	5 298	-	94
	1982--	263	3 439	9 930	-	875	5 540	6 062
\$1,000, 1987--	28	(D)	1 335	-	-	26	(D)	10 574
	1982--	38	429	1 119	-	116	651	682
								1 123

Table 13. Sheep and Horses—Inventory and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin	
Sheep and lambs inventory ----- farms, 1987--	604	13	45	56	21	43	60	
1982--	452	8	34	47	8	37	55	
number, 1987--	14 761	128	783	926	1 281	573	1 353	
1982--	9 846	120	858	1 085	583	519	1 098	
1987 farms by inventory:								
1 to 24 -----	446	11	37	48	9	36	43	
25 to 99 -----	132	2	7	6	8	7	16	
100 to 299 -----	21	-	1	2	2	-	1	
300 to 999 -----	5	-	-	-	2	-	-	
1,000 or more -----	-	-	-	-	-	-	-	
Ewes 1 year old or older ----- farms, 1987--	521	10	37	50	20	39	53	
1982--	391	6	34	40	8	29	54	
number, 1987--	9 597	89	485	565	927	339	883	
1982--	6 260	63	599	516	391	340	692	
Sheep and lambs shorn ----- farms, 1987--	511	12	36	44	19	35	51	
1982--	381	7	31	36	8	28	56	
number, 1987--	13 036	132	657	840	936	563	1 309	
1982--	7 984	80	637	661	478	446	1 002	
pounds of wool, 1987--	95 098	1 356	4 423	6 128	5 973	3 630	9 219	
1982--	52 440	635	4 180	3 974	2 991	3 494	6 123	
Sheep and lambs sold ----- farms, 1987--	493	8	36	46	19	40	54	
1982--	338	4	27	32	8	26	50	
number, 1987--	11 548	15	708	757	838	604	1 008	
1982--	5 705	54	418	474	321	278	724	
Sheep, lambs, and wool sold ----- farms, 1987--	563	12	40	51	20	42	57	
1982--	398	7	31	39	8	28	58	
\$1,000, 1987--	884	(D)	41	52	53	43	80	
1982--	445	5	35	29	16	30	50	
Horses and ponies inventory ----- farms, 1987--	1 608	32	116	150	16	139	134	
1982--	1 161	21	85	98	12	113	102	
number, 1987--	11 944	226	680	1 005	(D)	1 579	737	
1982--	8 765	170	504	551	54	1 116	627	
Horses and ponies sold ----- farms, 1987--	421	9	26	38	3	48	27	
1982--	311	7	19	31	1	37	31	
number, 1987--	1 230	30	61	86	(D)	167	78	
1982--	1 050	(D)	44	58	(D)	186	110	
\$1,000, 1987--	5 626	157	84	187	4	395	137	
1982--	3 299	97	80	89	(D)	386	176	
Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
Sheep and lambs inventory ----- farms, 1987--	36	58	65	-	28	47	-	132
1982--	27	38	50	-	16	51	-	81
number, 1987--	662	2 297	2 302	-	797	639	-	3 020
1982--	589	1 733	1 043	-	361	478	-	1 379
1987 farms by inventory:								
1 to 24 -----	32	41	39	-	19	38	-	93
25 to 99 -----	2	13	22	-	7	9	-	33
100 to 299 -----	2	3	2	-	2	-	-	6
300 to 999 -----	-	1	2	-	-	-	-	-
1,000 or more -----	-	-	-	-	-	-	-	-
Ewes 1 year old or older ----- farms, 1987--	28	51	54	-	25	39	-	115
1982--	22	36	42	-	13	40	-	67
number, 1987--	369	1 436	1 510	-	498	389	-	2 107
1982--	371	1 201	621	-	230	260	-	976
Sheep and lambs shorn ----- farms, 1987--	29	49	56	-	25	38	-	117
1982--	19	34	37	-	14	42	-	69
number, 1987--	524	2 515	1 886	-	757	483	-	2 434
1982--	467	1 501	803	-	329	344	-	1 236
pounds of wool, 1987--	3 076	20 322	11 661	-	6 259	4 835	-	18 216
1982--	2 615	9 305	5 036	-	2 689	2 672	-	8 726
Sheep and lambs sold ----- farms, 1987--	25	46	50	-	23	40	-	106
1982--	20	35	36	-	12	34	-	54
number, 1987--	351	2 458	2 283	-	513	424	-	1 589
1982--	385	1 059	617	-	225	295	-	855
Sheep, lambs, and wool sold ----- farms, 1987--	31	54	59	-	27	43	-	127
1982--	21	38	41	-	14	44	-	69
\$1,000, 1987--	19	235	(D)	-	44	27	-	95
1982--	25	76	55	-	28	25	-	72
Horses and ponies inventory ----- farms, 1987--	144	147	173	1	72	135	-	349
1982--	75	116	135	-	59	99	-	246
number, 1987--	757	1 111	1 567	(D)	948	1 121	-	2 093
1982--	379	910	1 016	-	1 581	635	-	1 222
Horses and ponies sold ----- farms, 1987--	33	34	48	-	33	31	1	90
1982--	19	24	45	-	19	30	-	48
number, 1987--	63	101	166	-	112	88	(D)	268
1982--	44	79	97	-	(D)	76	-	135
\$1,000, 1987--	93	151	361	-	(D)	193	(D)	724
1982--	94	75	208	-	(D)	122	-	288

Table 14. Poultry—Inventory and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
INVENTORY							
Any poultry	farms, 1987--	918	25	50	99	20	74
	1982--	870	21	64	90	16	83
Chickens 3 months old or older	farms, 1987--	738	25	43	77	17	84
	1982--	727	21	59	72	14	67
number, 1987--	1 502 202	(D)	153 423	130 005	(D)	51 258	17 585
	1982--	1 276 406	4 381	94 566	122 017	440	39 364
Hens and pullets of laying age	farms, 1987--	733	25	43	76	17	58
	1982--	721	21	58	72	14	66
number, 1987--	1 251 356	(D)	(D)	110 158	1 003	(D)	(D)
	1982--	1 183 226	(D)	(D)	440	(D)	15 044
1987 farms by inventory:							
1 to 99		610	11	39	64	16	47
100 to 399		67	11	1	1	-	7
400 to 3,199		32	3	-	6	1	3
3,200 to 9,999		5	-	-	3	-	1
10,000 to 19,999		6	-	-	-	-	1
20,000 to 49,999		5	-	2	1	-	-
50,000 to 99,999		5	-	1	1	-	-
100,000 or more	farms--	3	-	-	-	-	-
number--		576 364	-	-	-	-	-
Pullets 3 months old or older not of laying age	farms, 1987--	95	2	7	10	6	7
	1982--	80	3	4	7	-	6
number, 1987--	250 846	(D)	(D)	19 847	(D)	(D)	(D)
	1982--	93 180	(D)	(D)	-	(D)	120
Pullet chicks and pullets under 3 months old	farms, 1987--	35	-	3	5	2	4
	1982--	36	-	-	4	1	3
number, 1987--	156 034	-	(D)	590	(D)	1 300	(D)
	1982--	209 065	-	(D)	(D)	(D)	(D)
Broilers and other meat-type chickens	farms, 1987--	101	2	4	20	5	8
	1982--	116	3	14	19	1	7
number, 1987--	13 561	(D)	119	860	101	(D)	371
	1982--	23 054	(D)	264	6 748	(D)	204
Turkeys	farms, 1987--	148	2	5	20	2	15
	1982--	143	3	12	20	-	13
number, 1987--	13 902	(D)	70	630	(D)	(D)	81
	1982--	23 015	60	(D)	1 126	-	(D)
Turkey hens kept for breeding	farms, 1987--	25	-	-	3	2	1
	1982--	25	2	1	6	-	2
number, 1987--	2 140	-	-	(D)	(D)	(D)	(D)
	1982--	3 207	(D)	(D)	492	-	(D)
Ducks, geese, and other poultry	farms, 1987--	299	3	19	38	7	24
	1982--	288	5	22	29	6	23
SALES							
Any poultry sold	farms, 1987--	498	22	24	46	11	46
	1982--	508	17	29	50	10	51
\$1,000, 1987--	23 149	183	2 338	1 922	(D)	1 330	295
	1982--	25 456	48	1 171	4 990	(D)	1 716
Hens and pullets sold	farms, 1987--	141	8	8	20	4	8
	1982--	190	5	10	17	1	18
number, 1987--	1 149 575	956	103 234	87 794	156	17 572	(D)
	1982--	1 167 461	2 530	86 747	211 313	(D)	41 439
Hens and pullets of laying age sold	farms, 1987--	128	7	8	14	4	8
	1982--	182	5	9	16	1	17
number, 1987--	944 720	(D)	103 234	(D)	156	17 572	(D)
	1982--	990 441	2 530	(D)	(D)	(D)	(D)
Pullets not of laying age sold	farms, 1987--	18	1	-	7	-	2
	1982--	15	-	1	2	-	2
number, 1987--	204 855	(D)	-	(D)	-	(D)	(D)
	1982--	177 020	-	(D)	(D)	-	(D)
Broilers and other meat-type chickens sold	farms, 1987--	37	2	1	7	1	4
	1982--	48	1	4	7	1	7
number, 1987--	(D)	(D)	(D)	(D)	(D)	(D)	204
	1982--	162 904	(D)	67	(D)	(D)	143
1987 farms by number sold:							
1 to 1,999		34	2	1	6	1	3
2,000 to 59,999		3	-	-	1	-	1
60,000 to 99,999		-	-	-	-	-	-
100,000 to 199,999		-	-	-	-	-	-
200,000 to 499,999		-	-	-	-	-	-
500,000 or more	farms--	-	-	-	-	-	-
number--		-	-	-	-	-	-
Turkeys sold	farms, 1987--	86	-	2	8	-	5
	1982--	82	1	4	14	-	7
number, 1987--	153 714	-	(D)	446	-	(D)	(D)
	1982--	156 435	(D)	(D)	1 355	-	(D)
Turkeys for slaughter sold	farms, 1987--	86	-	2	8	-	5
	1982--	79	1	4	11	-	7
number, 1987--	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	1982--	153 651	(D)	(D)	(D)	-	(D)
Ducks, geese, and other poultry sold	farms, 1987--	81	2	3	11	2	10
	1982--	87	-	2	12	3	9

Table 14. Poultry—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text.]

Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
INVENTORY								
Any poultry farms, 1987	89	83	90	2	36	79	-	188
1982	60	74	99	1	38	77	-	176
Chickens 3 months old or older farms, 1987	65	65	71	1	31	67	-	151
1982	53	64	80	1	33	68	-	143
number, 1987	24 563	4 826	85 074	(D)	5 149	3 682	-	1 014 621
1982	(D)	(D)	144 441	(D)	17 633	13 237	-	527 065
Hens and pullets of laying age farms, 1987	64	65	71	1	31	67	-	148
1982	53	63	80	1	33	68	-	139
number, 1987	(D)	3 855	83 212	(D)	5 098	3 236	-	838 087
1982	28 251	(D)	128 726	(D)	(D)	12 814	-	(D)
1987 farms by inventory:								
1 to 99	56	67	59	-	24	62	-	115
100 to 399	5	8	7	1	4	3	-	16
400 to 3,199	2	2	3	-	3	2	-	6
3,200 to 9,999	-	-	1	-	-	-	-	1
10,000 to 19,999	1	-	-	-	-	-	-	4
20,000 to 49,999	-	-	-	-	-	-	-	1
50,000 to 99,999	-	-	1	-	-	-	-	2
100,000 or more farms	-	-	-	-	-	-	-	3
number	-	-	-	-	-	-	-	576 364
Pullets 3 months old or older not of laying age farms, 1987	8	7	13	-	3	7	-	19
1982	7	8	9	-	2	8	-	18
number, 1987	(D)	971	1 862	-	51	446	-	176 534
1982	(D)	(D)	15 715	-	(D)	323	-	(D)
Pullet chicks and pullets under 3 months old farms, 1987	5	2	4	-	1	-	-	6
1982	-	2	5	-	1	4	-	12
number, 1987	136	(D)	3 012	-	(D)	(D)	-	(D)
1982	(D)	(D)	(D)	-	(D)	(D)	-	(D)
Broilers and other meat-type chickens farms, 1987	9	12	3	-	5	3	-	17
1982	9	15	10	-	-	15	-	14
number, 1987	377	174	57	-	150	(D)	-	876
1982	481	600	491	-	-	583	-	(D)
Turkeys farms, 1987	12	12	18	-	5	11	-	37
1982	6	7	15	-	4	16	-	40
number, 1987	2 782	(D)	(D)	-	102	455	-	1 595
1982	(D)	(D)	(D)	-	26	229	-	1 042
Turkey hens kept for breeding farms, 1987	2	1	4	-	-	4	-	6
1982	1	2	1	-	1	-	-	8
number, 1987	(D)	(D)	(D)	-	(D)	-	-	(D)
1982	(D)	(D)	(D)	-	(D)	-	-	(D)
Ducks, geese, and other poultry farms, 1987	31	22	29	1	9	30	-	58
1982	15	20	36	-	10	30	-	62
SALES								
Any poultry sold farms, 1987	38	30	54	1	27	44	-	109
1982	30	44	66	1	26	45	-	95
\$1,000, 1987	904	186	1 489	(D)	155	196	-	14 046
1982	858	3 462	2 500	(D)	358	208	-	9 873
Hens and pullets sold farms, 1987	6	9	19	-	9	5	-	39
1982	7	18	31	1	12	13	-	40
number, 1987	(D)	2 693	(D)	-	(D)	(D)	-	840 618
1982	(D)	234 058	142 194	(D)	14 945	(D)	-	396 484
Hens and pullets of laying age sold farms, 1987	6	9	17	-	9	5	-	36
1982	7	18	29	1	12	13	-	38
number, 1987	(D)	2 693	(D)	-	(D)	(D)	-	(D)
1982	(D)	234 058	(D)	(D)	14 945	(D)	-	(D)
Pullets not of laying age sold farms, 1987	1	-	3	-	-	-	-	4
1982	-	-	3	-	-	1	-	4
number, 1987	(D)	-	(D)	-	-	(D)	-	(D)
1982	-	-	(D)	-	-	(D)	-	(D)
Broilers and other meat-type chickens sold farms, 1987	3	1	-	-	2	1	-	6
1982	1	8	4	-	-	5	-	6
number, 1987	200	(D)	(D)	345	(D)	(D)	-	(D)
1982	(D)	(D)	(D)	-	-	260	-	(D)
1987 farms by number sold:								
1 to 1,999	3	1	-	-	2	1	-	5
2,000 to 59,999	-	-	-	-	-	-	-	1
60,000 to 99,999	-	-	-	-	-	-	-	-
100,000 to 199,999	-	-	-	-	-	-	-	-
200,000 to 499,999	-	-	-	-	-	-	-	-
500,000 or more farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Turkeys sold farms, 1987	8	10	12	-	8	9	-	19
1982	2	5	10	-	4	11	-	21
number, 1987	(D)	(D)	17 186	-	(D)	14 746	-	(D)
1982	(D)	(D)	11 662	-	(D)	(D)	-	(D)
Turkeys for slaughter sold farms, 1987	8	10	12	-	8	9	-	19
1982	2	5	10	-	4	11	-	21
number, 1987	(D)	(D)	17 186	-	(D)	14 746	-	(D)
1982	(D)	(D)	11 662	-	(D)	(D)	-	(D)
Ducks, geese, and other poultry sold farms, 1987	1	3	10	-	2	6	-	21
1982	4	4	12	-	3	8	-	19

Table 15. Selected Crops: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Crop	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
Harvested cropland							
farms, 1987	5 084	134	326	526	43	345	535
1982	4 608	111	313	499	32	290	466
acres, 1987	194 874	(D)	22 280	14 554	709	12 714	23 715
1982	197 769	(D)	24 370	15 622	830	11 638	23 364
Irrigated							
farms, 1987	1 290	106	25	133	14	102	47
1982	988	80	15	105	9	67	30
acres, 1987	19 566	1 206	82	(D)	(D)	(D)	941
1982	17 012	(D)	(D)	(D)	68	(D)	(D)
Corn for grain or seed							
farms, 1987	152	-	18	13	1	5	24
1982	165	3	18	11	1	6	26
acres, 1987	5 681	-	836	338	(D)	205	1 012
1982	6 077	(D)	1 042	167	(D)	281	1 122
bushels, 1987	626 829	-	85 677	26 146	(D)	12 050	124 736
1982	591 680	(D)	97 120	10 955	(D)	(D)	112 725
Irrigated							
farms, 1987	1	-	-	-	-	-	-
1982	10	3	-	-	-	1	4
acres, 1987	(D)	-	-	-	-	-	-
1982	18	9	-	-	-	(D)	4
1987 farms by acres harvested:							
1 to 24 acres	99	-	7	6	1	3	20
25 to 99 acres	36	-	7	7	-	2	1
100 to 249 acres	12	-	4	-	-	-	2
250 acres or more	5	-	-	-	-	-	1
Corn for silage or green chop							
farms, 1987	604	1	64	90	1	19	100
1982	886	3	84	116	5	35	141
acres, 1987	28 643	(D)	4 131	2 731	(D)	757	3 923
1982	37 553	(D)	4 922	4 620	(D)	1 222	4 883
tons, green, 1987	524 819	(D)	74 464	43 827	(D)	14 886	80 669
1982	628 842	(D)	84 582	70 894	(D)	17 565	98 292
Irrigated							
farms, 1987	6	-	1	4	-	-	-
1982	9	-	-	6	-	-	-
acres, 1987	89	-	(D)	(D)	-	-	-
1982	47	-	-	(D)	-	-	-
1987 farms by acres harvested:							
1 to 24 acres	274	-	22	48	1	8	53
25 to 99 acres	250	1	26	38	-	9	39
100 to 249 acres	69	-	13	4	-	2	7
250 acres or more	11	-	3	-	-	-	1
Irish potatoes							
farms, 1987	93	2	4	7	4	7	23
1982	136	2	7	17	2	11	20
acres, 1987	2 628	(D)	(D)	(D)	4	9	744
1982	3 759	(D)	(D)	157	(D)	19	772
cwt, 1987	615 427	(D)	(D)	(D)	299	(D)	158 131
1982	732 649	(D)	(D)	36 153	(D)	4 116	172 594
Irrigated							
farms, 1987	15	1	-	2	-	2	4
1982	29	-	-	3	-	4	2
acres, 1987	150	(D)	-	(D)	-	(D)	(D)
1982	336	-	-	(D)	-	(D)	(D)
1987 farms by acres harvested:							
0.1 to 4.9 acres	50	2	3	4	4	6	5
5.0 to 24.9 acres	23	-	-	1	-	1	9
25.0 to 99.9 acres	15	-	1	2	-	-	8
100.0 acres or more	5	-	-	-	-	-	1
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)							
farms, 1987	2 874	7	270	273	21	187	393
1982	2 663	10	257	251	19	162	359
acres, 1987	121 498	(D)	17 720	8 089	499	9 286	15 587
1982	116 729	418	18 221	7 390	660	7 990	14 719
tons, dry, 1987	250 559	(D)	37 707	14 968	685	17 273	34 501
1982	241 584	(D)	39 948	15 160	1 027	13 075	31 464
Irrigated							
farms, 1987	24	2	1	2	-	1	-
1982	13	-	-	3	-	-	-
acres, 1987	339	(D)	(D)	(D)	-	(D)	-
1982	178	-	-	14	-	-	-
1987 farms by acres harvested:							
1 to 24 acres	1 542	6	107	171	14	98	193
25 to 99 acres	1 013	1	107	89	7	59	166
100 to 249 acres	265	-	45	11	-	25	32
250 acres or more	54	-	11	2	-	5	2
Vegetables harvested for sale (see text)							
farms, 1987	1 008	20	46	138	11	95	99
1982	1 011	22	43	156	13	89	90
acres, 1987	16 325	249	510	2 560	78	1 852	1 403
1982	15 307	155	402	2 674	(D)	1 548	1 044
Irrigated							
farms, 1987	312	14	8	45	5	45	23
1982	287	12	3	41	8	39	13
acres, 1987	4 750	228	38	821	55	668	446
1982	4 508	90	(D)	725	(D)	455	267
1987 farms by acres harvested:							
0.1 to 4.9 acres	438	10	25	53	6	37	45
5.0 to 24.9 acres	386	8	15	63	4	31	39
25.0 to 99.9 acres	156	2	6	16	1	25	13
100.0 acres or more	28	-	-	6	-	2	2
Land in orchards							
farms, 1987	572	9	27	53	7	29	61
1982	489	6	28	42	4	34	46
acres, 1987	9 379	38	250	422	80	484	1 157
1982	9 332	29	305	350	62	389	1 054
Irrigated							
farms, 1987	57	1	-	5	3	5	2
1982	42	4	1	4	1	3	1
acres, 1987	267	-	-	30	(D)	14	(D)
1982	577	7	(D)	28	(D)	4	(D)
1987 farms by bearing and nonbearing acres:							
0.1 to 4.9 acres	269	5	18	24	4	12	30
5.0 to 24.9 acres	201	4	5	26	1	11	21
25.0 to 99.9 acres	82	-	4	3	2	4	6
100.0 acres or more	20	-	-	-	-	2	4

Table 15. Selected Crops: 1987 and 1982—Con.

(For meaning of abbreviations and symbols, see introductory text)

Crop	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
Harvested cropland								
farms, 1987	404	528	438	10	159	668	4	964
1982	338	493	460	6	156	561	4	879
acres, 1987	14 014	24 290	15 064	441	4 003	19 360	(D)	42 309
1982	13 089	26 465	15 491	(D)	3 486	19 313	13	42 388
Irrigated								
farms, 1987	63	46	126	10	54	463	3	98
1982	53	22	106	5	50	359	3	85
acres, 1987	763	(D)	1 177	439	302	10 931	(D)	742
1982	(D)	380	(D)	110	434	9 517	8	1 116
Corn for grain or seed								
farms, 1987	13	39	11	-	2	2	-	24
1982	21	46	4	-	2	9	-	18
acres, 1987	329	2 025	162	-	(D)	(D)	-	593
1982	178	2 627	19	-	(D)	195	-	387
bushels, 1987	29 750	261 078	17 111	-	(D)	(D)	-	55 306
1982	14 393	302 552	1 270	-	(D)	7 940	-	28 225
Irrigated								
farms, 1987	-	-	1	-	-	-	-	-
1982	-	-	-	-	-	2	-	-
acres, 1987	-	-	(D)	-	-	-	-	-
1982	-	-	-	-	-	(D)	-	-
1987 farms by acres harvested:								
1 to 24 acres	10	23	9	-	1	1	-	18
25 to 99 acres	2	9	2	-	-	1	-	5
100 to 249 acres	1	4	-	-	1	-	-	-
250 acres or more	-	3	-	-	-	-	-	1
Corn for silage or green chop								
farms, 1987	56	78	28	-	5	18	-	144
1982	79	109	56	-	11	32	-	215
acres, 1987	2 646	4 200	1 211	-	(D)	2 206	-	6 623
1982	3 196	4 512	1 705	-	(D)	3 730	-	8 431
tons, green, 1987	44 465	75 040	22 318	-	(D)	37 155	-	128 685
1982	42 703	75 623	28 468	-	(D)	62 939	-	143 019
Irrigated								
farms, 1987	-	-	-	-	1	-	-	-
1982	1	-	-	-	-	1	-	1
acres, 1987	-	-	-	-	(D)	-	-	-
1982	(D)	-	-	-	(D)	-	-	(D)
1987 farms by acres harvested:								
1 to 24 acres	32	29	13	-	1	9	-	58
25 to 99 acres	15	38	10	-	4	6	-	64
100 to 249 acres	8	8	5	-	-	2	-	20
250 acres or more	1	3	-	-	-	1	-	2
Irish potatoes								
farms, 1987	5	20	3	2	3	4	-	9
1982	8	33	5	2	4	8	-	17
acres, 1987	(D)	1 436	3	(D)	2	4	-	13
1982	(D)	2 412	7	(D)	6	25	-	46
cwt, 1987	(D)	370 521	280	(D)	800	280	-	1 095
1982	(D)	420 476	1 002	(D)	1 405	6 205	-	7 117
Irrigated								
farms, 1987	-	1	1	2	1	-	-	1
1982	2	3	2	2	3	2	-	6
acres, 1987	-	(D)	(D)	(D)	(D)	-	-	(D)
1982	(D)	(D)	(D)	(D)	5	(D)	-	13
1987 farms by acres harvested:								
0.1 to 4.9 acres	2	5	3	1	3	4	-	8
5.0 to 24.9 acres	2	8	-	1	-	-	-	1
25.0 to 99.9 acres	-	4	-	-	-	-	-	-
100.0 acres or more	1	3	-	-	-	-	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)								
farms, 1987	255	336	211	1	81	142	-	697
1982	208	327	213	3	76	138	-	640
acres, 1987	7 688	13 534	9 810	(D)	3 295	5 462	-	30 440
1982	6 395	14 420	9 133	(D)	(D)	4 957	-	29 888
tons, dry, 1987	15 119	29 850	17 981	(D)	5 698	10 987	-	65 586
1982	13 837	31 882	19 120	(D)	3 672	9 008	-	62 785
Irrigated								
farms, 1987	2	4	-	-	1	3	-	8
1982	-	1	2	-	2	1	-	4
acres, 1987	(D)	138	-	(D)	(D)	78	-	46
1982	-	(D)	(D)	(D)	5	(D)	-	123
1987 farms by acres harvested:								
1 to 24 acres	150	190	113	1	47	98	-	354
25 to 99 acres	93	115	68	-	24	33	-	251
100 to 249 acres	11	24	24	-	8	7	-	78
250 acres or more	1	7	6	-	2	4	-	14
Vegetables harvested for sale (see text)								
farms, 1987	76	136	128	4	36	68	-	151
1982	73	134	139	3	31	69	1	148
acres, 1987	1 674	2 237	2 273	137	287	1 040	-	2 026
1982	1 726	1 836	2 704	117	254	999	(D)	1 754
Irrigated								
farms, 1987	21	12	51	4	19	23	-	42
1982	24	12	50	3	14	31	-	37
acres, 1987	514	132	861	137	135	187	-	528
1982	796	110	855	98	85	325	-	564
1987 farms by acres harvested:								
0.1 to 4.9 acres	25	56	58	1	21	32	-	69
5.0 to 24.9 acres	34	51	42	2	14	26	-	57
25.0 to 99.9 acres	11	26	24	-	1	8	-	23
100.0 acres or more	6	3	4	1	-	2	-	2
Land in orchards								
farms, 1987	68	44	74	2	20	30	1	147
1982	55	34	66	-	17	31	-	126
acres, 1987	923	943	1 327	(D)	158	138	(D)	3 443
1982	974	779	1 413	-	179	121	-	3 677
Irrigated								
farms, 1987	7	-	10	2	5	8	-	9
1982	4	1	4	-	3	6	-	10
acres, 1987	22	-	80	(D)	30	20	-	15
1982	11	(D)	(D)	-	(D)	11	-	338
1987 farms by bearing and nonbearing acres:								
0.1 to 4.9 acres	29	20	31	-	12	22	1	61
5.0 to 24.9 acres	30	13	28	2	6	7	-	47
25.0 to 99.9 acres	9	8	13	-	2	1	-	30
100.0 acres or more	-	3	2	-	-	-	-	9

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
F FARMS AND LAND IN FARMS							
Land in farms	farms, 1987--	2 499	87	138	284	16	172
	1982--	2 401	56	147	269	12	158
acres, 1987--	381 898	(D)	42 799	26 848	3 371	19 411	47 376
	1982--	393 235	3 578	44 803	28 687	804	19 015
Average size of farm	acres, 1987--	153	(D)	310	95	211	113
	1982--	164	64	305	107	67	120
Value of land and buildings ¹ :							
Average per farm	dollars, 1987--	512 045	392 349	664 486	338 084	408 688	795 842
	1982--	299 123	252 518	345 536	229 561	493 917	343 620
Average per acre	dollars, 1987--	3 391	11 392	1 822	3 612	1 940	7 724
	1982--	1 967	3 962	1 204	2 327	7 372	3 406
Total cropland	farms, 1987--	2 386	87	130	267	16	157
	1982--	2 281	55	140	260	12	146
acres, 1987--	194 870	1 606	22 440	14 356	1 190	11 931	23 269
	1982--	198 001	1 444	24 729	16 158	513	11 700
Harvested cropland	farms, 1987--	2 297	84	129	244	15	155
	1982--	2 218	55	135	249	10	138
acres, 1987--	148 595	(D)	16 730	10 728	265	9 530	18 022
	1982--	156 813	1 251	19 232	12 653	420	9 236
Irrigated land	farms, 1987--	962	74	18	101	7	70
	1982--	704	47	10	73	7	52
acres, 1987--	18 790	1 188	70	1 519	65	798	909
	1982--	16 418	890	(D)	1 250	(D)	547
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text)	\$1,000, 1987--	330 696	6 558	16 971	29 029	(D)	16 301
	1982--	271 392	3 888	15 995	27 193	590	13 259
Average per farm	dollars, 1987--	132 331	75 376	122 981	102 214	(D)	94 773
	1982--	113 033	65 849	108 811	101 087	49 170	83 919
1987 sales by commodity or commodity group:							
Crops, including nursery and greenhouse crops	farms--	1 893	83	80	210	13	139
	\$1,000--	209 973	6 196	4 149	18 652	(D)	11 765
Grains	farms--	52	-	4	5	-	-
	\$1,000--	732	-	(D)	(D)	-	99
Corn for grain	farms--	46	-	4	4	-	9
	\$1,000--	686	-	98	16	-	(D)
Wheat	farms--	2	-	2	-	-	-
	\$1,000--	(D)	-	(D)	-	-	-
Soybeans	farms--	-	-	-	-	-	-
	\$1,000--	-	-	-	-	-	-
Sorghum for grain	farms--	-	-	-	-	-	-
	\$1,000--	-	-	-	-	-	-
Barley	farms--	-	-	-	-	-	-
	\$1,000--	-	-	-	-	-	-
Oats	farms--	2	-	2	-	-	-
	\$1,000--	(D)	-	(D)	-	-	-
Other grains	farms--	6	-	-	1	-	2
	\$1,000--	(D)	-	(D)	-	-	(D)
Cotton and cottonseed	farms--	-	-	-	-	-	-
	\$1,000--	-	-	-	-	-	-
Tobacco	farms--	21	-	-	-	-	5
	\$1,000--	4 587	-	-	-	-	162
Hay, silage, and field seeds	farms--	491	-	45	54	3	39
	\$1,000--	5 523	-	773	492	(D)	675
Vegetables, sweet corn, and melons	farms--	622	15	22	94	4	57
	\$1,000--	23 902	(D)	476	3 594	210	2 337
Fruits, nuts, and berries	farms--	730	55	12	54	3	32
	\$1,000--	91 022	3 963	418	2 395	(D)	548
Nursery and greenhouse crops	farms--	561	30	22	58	7	31
	\$1,000--	79 988	1 916	(D)	12 040	(D)	8 177
Other crops	farms--	81	2	3	7	1	6
	\$1,000--	4 219	(D)	(D)	(D)	(D)	28
Livestock, poultry, and their products	farms--	1 117	16	104	130	8	77
	\$1,000--	120 723	362	12 822	10 377	(D)	4 536
Poultry and poultry products	farms--	194	12	6	19	6	14
	\$1,000--	22 950	(D)	2 332	1 908	(D)	(D)
Dairy products	farms--	573	1	64	60	-	23
	\$1,000--	63 231	(D)	(D)	6 067	-	2 167
Cattle and calves	farms--	804	3	86	91	5	41
	\$1,000--	9 591	(D)	1 127	1 269	(D)	559
Hogs and pigs	farms--	143	-	6	29	4	7
	\$1,000--	3 821	-	8	632	(D)	164
Sheep, lambs, and wool	farms--	102	2	10	10	5	4
	\$1,000--	437	(D)	(D)	34	27	(D)
Other livestock and livestock products (see text)	farms--	176	6	11	20	-	26
	\$1,000--	20 694	(D)	249	447	-	344

See footnotes at end of table.

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
F FARMS AND LAND IN FARMS								
Land in farms	farms, 1987--	158	228	240	8	76	438	3
	1982--	158	246	249	4	84	355	3
	acres, 1987--	23 444	38 437	23 437	605	8 006	66 683	(D)
	1982--	24 930	42 762	22 923	(D)	7 747	69 067	(D)
Average size of farm	acres, 1987--	148	169	98	76	105	152	(D)
	1982--	158	174	92	(D)	92	195	(D)
Value of land and buildings ¹ :	Average per farm	454 867	385 161	495 326	(D)	542 353	546 770	(D)
	dollars, 1987--	251 247	255 045	393 544	(D)	266 744	385 904	(D)
	1982--	2 640	2 334	5 494	(D)	5 896	3 490	(D)
Average per acre	dollars, 1987--	1 839	1 641	4 984	(D)	3 030	2 095	(D)
1982--								1 598
Total cropland	farms, 1987--	153	224	223	8	74	429	3
	1982--	152	237	226	4	81	339	3
	acres, 1987--	11 924	25 978	15 040	(D)	4 586	19 554	(D)
	1982--	13 522	26 951	14 348	(D)	3 575	19 964	(D)
Harvested cropland	farms, 1987--	149	221	214	8	68	420	3
	1982--	148	231	222	4	77	336	3
	acres, 1987--	9 818	19 117	11 857	(D)	2 772	17 202	(D)
	1982--	10 086	21 684	11 863	(D)	2 332	17 068	(D)
Irrigated land	farms, 1987--	44	29	98	8	36	367	3
	1982--	35	15	78	4	32	272	2
	acres, 1987--	723	263	1 177	(D)	257	10 699	(D)
	1982--	866	371	936	(D)	396	9 371	(D)
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text)	\$1,000, 1987--	18 301	26 431	48 972	(D)	12 797	76 357	(D)
	1982--	14 883	24 286	44 465	(D)	8 779	51 732	(D)
Average per farm	dollars, 1987--	115 827	115 927	204 051	(D)	168 385	174 331	(D)
	1982--	94 196	98 725	178 574	(D)	104 511	145 724	(D)
1987 sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops	farms--	120	166	206	8	57	407	3
	\$1,000--	12 920	15 276	28 450	(D)	8 803	72 414	329
								18 006
Grains	farms--	6	19	2	-	1	1	-
	\$1,000--	(D)	367	(D)	-	(D)	(D)	(D)
Corn for grain	farms--	5	17	2	-	1	1	-
	\$1,000--	36	(D)	(D)	-	(D)	(D)	(D)
Wheat	farms--	-	-	-	-	-	-	-
	\$1,000--	-	-	-	-	-	-	-
Soybeans	farms--	-	-	-	-	-	-	-
	\$1,000--	-	-	-	-	-	-	-
Sorghum for grain	farms--	-	-	-	-	-	-	-
	\$1,000--	-	-	-	-	-	-	-
Barley	farms--	-	-	-	-	-	-	-
	\$1,000--	-	-	-	-	-	-	-
Oats	farms--	-	-	-	-	-	-	-
	\$1,000--	-	-	-	-	-	-	-
Other grains	farms--	1	2	-	-	-	-	-
	\$1,000--	(D)	(D)	-	-	-	-	-
Cotton and cottonseed	farms--	-	-	-	-	-	-	-
	\$1,000--	-	-	-	-	-	-	-
Tobacco	farms--	5	11	-	-	-	-	-
	\$1,000--	2 540	1 886	-	-	-	-	-
Hay, silage, and field seeds	farms--	33	57	55	-	10	22	-
	\$1,000--	252	339	743	-	(D)	263	-
Vegetables, sweet corn, and melons	farms--	56	75	88	4	18	32	116
	\$1,000--	2 707	3 220	3 301	(D)	637	1 320	1 342
Fruits, nuts, and berries	farms--	35	33	46	3	12	342	-
	\$1,000--	1 507	1 295	1 874	(D)	430	67 463	71
Nursery and greenhouse crops	farms--	46	36	92	6	37	46	6 758
	\$1,000--	5 580	5 556	22 478	332	7 578	3 364	83
Other crops	farms--	3	21	4	2	-	2	94
	\$1,000--	(D)	2 613	(D)	(D)	-	(D)	9
Livestock, poultry, and their products	farms--	65	112	96	2	33	68	-
	\$1,000--	5 381	11 156	20 522	(D)	3 994	3 943	263
Poultry and poultry products	farms--	13	9	23	1	7	16	34 412
	\$1,000--	884	163	1 479	(D)	147	169	54
Dairy products	farms--	39	77	20	-	14	18	14 009
	\$1,000--	(D)	9 228	2 818	-	(D)	(D)	152
Cattle and calves	farms--	51	98	52	1	23	28	-
	\$1,000--	457	946	754	(D)	122	744	197
Hogs and pigs	farms--	3	9	25	-	3	9	2 242
	\$1,000--	(D)	420	1 291	-	(D)	597	36
Sheep, lambs, and wool	farms--	4	5	23	-	4	8	618
	\$1,000--	1	(D)	(D)	-	(D)	(D)	19
Other livestock and livestock products (see text)	farms--	4	8	20	-	6	23	31
	\$1,000--	26	(D)	(D)	-	(D)	381	37
								1 424

See footnotes at end of table.

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
Cash grains (011) -----	12	-	2	1	-	-	1
Field crops, except cash grains (013)	186	-	17	23	-	16	27
Cotton (0131) -----	-	-	-	-	-	-	-
Tobacco (0132) -----	14	-	-	-	-	-	2
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) -----	172	-	17	23	-	16	25
Vegetables and melons (016) -----	400	11	8	69	4	46	35
Fruits and tree nuts (017) -----	567	46	6	38	1	8	22
Horticultural specialties (018) -----	423	22	18	46	5	47	19
General farms, primarily crop (019) -----	36	1	2	3	-	1	2
Livestock, except dairy, poultry, and animal specialties (021) -----	165	-	15	30	2	12	9
Beef cattle, except feedlots (0212) -----	64	-	11	5	-	6	6
Dairy farms (024) -----	538	1	61	55	-	19	101
Poultry and eggs (025) -----	70	2	4	11	1	5	3
Animal specialties (027) -----	81	2	5	7	-	15	6
General farms, primarily livestock and animal specialties (029) -----	21	2	-	1	3	3	2
F FARMS BY SIZE							
1 to 9 acres -----	1987--	344	28	15	52	5	32
-----	1982--	279	9	12	28	1	29
10 to 49 acres -----	1987--	672	41	16	76	4	61
-----	1982--	575	33	14	85	3	51
50 to 69 acres -----	1987--	195	7	6	27	1	7
-----	1982--	182	3	3	27	3	14
70 to 99 acres -----	1987--	201	3	7	29	2	14
-----	1982--	195	3	7	24	3	9
100 to 139 acres -----	1987--	236	3	6	34	2	11
-----	1982--	269	3	8	33	1	11
140 to 179 acres -----	1987--	161	1	4	28	-	12
-----	1982--	190	3	13	23	1	13
180 to 219 acres -----	1987--	143	-	10	2	-	7
-----	1982--	162	-	18	19	-	5
220 to 259 acres -----	1987--	113	2	6	12	-	8
-----	1982--	110	-	8	9	-	7
260 to 499 acres -----	1987--	301	1	38	19	-	13
-----	1982--	300	1	35	16	-	13
500 to 999 acres -----	1987--	103	1	25	5	-	6
-----	1982--	117	-	24	4	-	5
1,000 to 1,999 acres -----	1987--	25	-	5	-	2	1
-----	1982--	17	1	5	1	-	1
2,000 acres or more -----	1987--	5	-	-	-	-	-
-----	1982--	5	-	-	-	-	1
TENURE OF OPERATOR							
Full owners -----	farms, 1987--	1 420	61	60	156	10	116
-----	1982--	1 231	39	53	131	4	93
acres, 1987--	169 068	2 553	13 747	12 251	3 095	8 805	10 348
-----	1982--	140 851	1 560	10 145	10 996	196	7 615
Part owners -----	farms, 1987--	823	13	64	89	4	44
-----	1982--	953	9	80	100	6	52
acres, 1987--	184 590	(D)	25 270	11 258	(D)	9 680	31 632
-----	1982--	230 003	1 895	32 488	13 989	(D)	10 848
Tenants -----	farms, 1987--	256	13	14	39	2	12
-----	1982--	217	8	14	38	2	13
acres, 1987--	28 240	(D)	3 782	3 339	(D)	926	5 396
-----	1982--	22 381	123	2 170	3 702	(D)	552
-----							2 737
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated -----	1987--	1 802	47	116	210	11	126
-----	1982--	1 786	35	126	204	11	125
Not on farm operated -----	1987--	554	39	19	56	3	33
-----	1982--	430	19	11	40	1	25
Not reported -----	1987--	143	1	3	18	2	13
-----	1982--	185	2	10	25	-	8
Operators by principal occupation:							
Farming -----	1987--	1 918	55	111	232	13	134
-----	1982--	1 970	40	124	228	12	116
Other -----	1987--	581	32	27	52	3	38
-----	1982--	431	16	23	41	-	42
Operators by days of work off farm:							
None -----	1987--	1 382	39	98	171	7	100
-----	1982--	1 382	26	98	159	6	85
Any -----	1987--	957	42	29	82	9	63
-----	1982--	787	28	38	84	6	63
1 to 49 days -----	1987--	194	5	7	10	2	13
-----	1982--	148	5	10	16	-	13
50 to 99 days -----	1987--	76	3	-	6	2	6
-----	1982--	88	7	2	9	4	5
100 to 149 acres -----	1987--	115	8	6	10	1	6
-----	1982--	87	1	8	9	-	5

See footnotes at end of table.

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011) -----	1	7	-	-	-	-	-	-
Field crops, except cash grains (013) -----	19	20	21	-	3	8	-	32
Cotton (0131) -----	-	-	-	-	-	-	-	-
Tobacco (0132) -----	5	7	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) -----	14	13	21	-	3	8	-	32
Vegetables and melons (016) -----	37	59	50	3	10	20	-	48
Fruits and tree nuts (017) -----	19	16	27	1	5	331	-	47
Horticultural specialties (018) -----	32	24	74	4	30	39	3	60
General farms, primarily crop (019) -----	1	6	8	-	4	1	-	7
Livestock, except dairy, poultry, and animal specialties (021) -----	1	15	24	-	5	9	-	43
Beef cattle, except feedlots (0212) -----	1	10	8	-	2	2	-	13
Dairy farms (024) -----	39	73	18	-	12	17	-	142
Poultry and eggs (025) -----	7	4	6	-	2	3	-	22
Animal specialties (027) -----	2	4	10	-	4	10	-	16
General farms, primarily livestock and animal specialties (029) -----	-	-	2	-	1	-	-	7
FARMS BY SIZE								
1 to 9 acres -----	1987--	18	18	50	4	19	47	47
-----	1982--	10	13	59	1	30	29	33
10 to 49 acres -----	1987--	28	58	72	2	24	171	78
-----	1982--	28	61	65	1	19	125	64
50 to 69 acres -----	1987--	17	18	21	-	4	49	28
-----	1982--	14	14	26	1	5	35	30
70 to 99 acres -----	1987--	23	27	15	-	4	28	30
-----	1982--	17	16	25	-	5	33	40
100 to 139 acres -----	1987--	13	24	18	-	9	41	45
-----	1982--	21	32	25	-	10	42	58
140 to 179 acres -----	1987--	10	12	14	-	2	18	37
-----	1982--	22	23	13	-	2	19	37
180 to 219 acres -----	1987--	12	13	21	-	3	21	37
-----	1982--	11	17	8	1	2	14	37
220 to 259 acres -----	1987--	11	14	10	1	2	6	25
-----	1982--	6	17	6	-	5	9	27
260 to 499 acres -----	1987--	17	28	16	1	6	39	72
-----	1982--	22	36	16	-	3	31	73
500 to 999 acres -----	1987--	8	12	3	-	2	8	20
-----	1982--	7	15	6	-	2	13	22
1,000 to 1,999 acres -----	1987--	1	3	-	-	1	7	4
2,000 acres or more -----	1987--	-	1	-	-	1	3	1
-----	1982--	-	1	-	-	-	3	-
TENURE OF OPERATOR								
Full owners -----	farms, 1987--	93	87	144	3	50	348	213
-----	1982--	71	90	143	2	50	287	203
acres, 1987--	10 646	10 269	7 666	(D)	4 129	59 128	(D)	26 424
-----	1982--	7 778	8 830	6 670	(D)	3 465	47 113	26 064
Part owners -----	farms, 1987--	53	118	71	3	16	53	171
-----	1982--	75	127	76	1	26	57	205
acres, 1987--	11 599	25 960	14 246	(D)	3 517	5 576	(D)	44 198
-----	1982--	16 575	30 444	14 173	(D)	4 232	18 425	49 885
Tenants -----	farms, 1987--	12	23	25	2	10	37	-
-----	1982--	12	29	30	1	8	11	28
acres, 1987--	1 199	2 208	1 525	(D)	360	1 979	-	7 044
-----	1982--	577	3 488	2 080	(D)	50	3 529	-
3 135								
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated -----	1987--	118	176	177	6	52	224	1 332
-----	1982--	129	195	172	3	62	188	2 354
Not on farm operated -----	1987--	29	33	47	2	16	185	2 73
-----	1982--	21	28	57	-	15	140	1 47
Not reported -----	1987--	11	19	16	8	8	29	19
-----	1982--	8	23	20	1	7	27	35
Operators by principal occupation:								
Farming -----	1987--	126	189	167	5	50	314	1 336
-----	1982--	137	210	193	3	56	277	3 366
Other -----	1987--	32	39	73	3	26	124	2 88
-----	1982--	21	36	56	1	28	78	70
Operators by days of work off farm:								
None -----	1987--	105	130	126	2	38	186	2 243
-----	1982--	98	142	151	1	42	166	2 269
Any -----	1987--	46	81	95	5	34	232	1 154
-----	1982--	43	73	85	2	31	144	1 124
1 to 49 days -----	1987--	10	17	20	2	3	42	-
-----	1982--	9	12	14	1	3	17	-
50 to 99 days -----	1987--	1	10	6	-	6	24	-
-----	1982--	6	11	13	1	3	12	-
100 to 149 acres -----	1987--	8	7	11	2	-	25	-
-----	1982--	5	7	8	-	3	23	-
3 12								

See footnotes at end of table.

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text.]

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
OPERATOR CHARACTERISTICS—Con.							
Operators by days of work off farm—Con.							
Any—Con.							
150 to 199 days	121	8	1	12	2	2	17
1987	121	8	1	12	2	2	17
1982	87	1	4	7	2	11	11
200 days or more	451	18	15	44	2	36	26
1987	451	18	15	44	2	36	26
1982	377	14	14	43	-	28	20
Not reported	160	6	11	31	-	9	8
1987	160	6	11	31	-	9	8
1982	232	2	11	26	-	10	21
1987 operators by years on present farm:							
2 years or less	88	6	2	9	-	4	5
3 or 4 years	161	8	9	23	1	6	11
5 to 9 years	445	16	19	57	4	18	54
10 years or more	1 443	53	88	152	8	113	129
Average years on present farm	20.2	17.2	23.6	17.6	18.4	25.1	20.3
Not reported	362	4	20	43	3	31	28
1987 operators by age group:							
Under 25 years	26	-	2	7	-	-	1
25 to 34 years	271	13	9	26	2	16	35
35 to 44 years	582	18	38	69	4	39	59
45 to 54 years	511	11	24	53	2	30	42
55 to 64 years	584	19	29	77	3	51	54
65 years and over	525	26	36	52	5	36	36
Average age	52.0	53.1	53.4	51.3	53.4	53.6	50.0
TYPE OF ORGANIZATION							
Individual or family (sole proprietorship)							
farms, 1987	1 757	60	99	222	12	116	163
1982	1 779	44	116	218	9	115	164
acres, 1987	226 640	2 066	28 676	20 828	480	12 177	28 837
1982	242 014	2 616	32 731	21 240	440	12 202	30 933
Partnership	278	5	22	21	-	21	41
farms, 1987	278	5	22	21	-	21	41
1982	267	3	18	28	1	18	40
acres, 1987	57 189	(D)	9 021	(D)	-	(D)	11 527
1982	54 935	(D)	7 533	3 691	(D)	3 164	(D)
Corporation:							
Family held							
farms, 1987	389	15	14	38	3	29	21
1982	297	7	11	19	-	22	18
acres, 1987	75 917	(D)	(D)	(D)	(D)	3 673	(D)
1982	78 517	(D)	(D)	(D)	-	(D)	(D)
Other than family held							
farms, 1987	40	4	2	1	-	3	-
1982	36	1	1	4	1	1	1
acres, 1987	4 209	(D)	(D)	(D)	-	280	(D)
1982	7 659	(D)	(D)	(D)	(D)	(D)	(D)
Other—cooperative, estate or trust, institutional, etc.							
farms, 1987	35	3	1	2	1	3	2
1982	22	1	1	-	1	2	1
acres, 1987	17 943	(D)	(D)	(D)	(D)	(D)	(D)
1982	10 110	(D)	(D)	-	(D)	(D)	(D)
1987 FARM PRODUCTION EXPENSES¹							
Total farm production expenses							
farms	2 490	86	138	286	16	171	225
\$1,000	226 609	3 919	11 262	18 259	(D)	10 939	16 029
Livestock and poultry purchased							
farms	618	12	47	77	6	65	64
\$1,000	10 064	78	800	990	(D)	621	350
Feed for livestock and poultry							
farms	930	16	74	73	8	81	108
\$1,000	29 750	91	3 014	2 742	(D)	1 483	2 525
Commercially mixed formula feeds							
farms	756	16	63	70	5	53	99
\$1,000	25 551	(D)	2 719	2 238	60	1 147	2 122
Seeds, bulbs, plants, and trees							
farms	1 475	33	115	191	9	116	173
\$1,000	5 999	120	247	1 011	26	329	440
Commercial fertilizer							
farms	2 047	78	130	230	11	126	207
\$1,000	8 165	120	494	554	23	279	967
Agricultural chemicals							
farms	1 898	75	103	213	6	108	183
\$1,000	6 990	199	133	352	6	183	513
Petroleum products							
farms	2 429	78	136	286	12	163	225
\$1,000	10 406	(D)	527	991	(D)	576	842
Electricity							
farms	2 060	54	116	214	12	170	191
\$1,000	5 399	63	497	452	20	323	463
Hired farm labor							
farms	1 518	58	98	126	12	115	129
\$1,000	65 517	1 369	2 430	4 546	(D)	2 515	3 250
Contract labor							
farms	667	37	15	46	3	24	39
\$1,000	7 397	153	43	463	(D)	506	740
Repair and maintenance							
farms	2 262	78	138	234	14	158	209
\$1,000	13 712	248	635	1 277	28	724	1 161
Customwork, machine hire, and rental of machinery and equipment							
farms	694	31	32	33	6	55	68
\$1,000	3 282	70	84	68	6	111	170
Interest							
farms	1 206	37	60	107	5	79	106
\$1,000	12 029	285	651	564	(D)	655	740
Cash rent							
farms	747	27	64	102	4	35	117
\$1,000	3 400	142	123	345	(D)	113	443
Property taxes							
farms	2 304	74	119	238	14	170	220
\$1,000	9 316	194	447	547	39	762	536
All other farm production expenses							
farms	2 489	86	137	286	16	171	225
\$1,000	35 183	547	1 140	3 355	54	1 758	2 888

See footnotes at end of table.

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text.]

Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
OPERATOR CHARACTERISTICS—								
Con.								
Operators by days of work off farm—Con.								
Any—Con.								
150 to 199 days	1987	7	5	16	—	5	27	1
1982	1982	4	6	10	—	6	10	15
200 days or more	1987	20	42	42	1	20	114	71
1982	1982	19	37	40	—	16	82	64
Not reported	1987	7	17	19	1	4	20	—
	1982	17	31	13	1	11	45	1
1987 operators by years on present farm:								
2 years or less		1	9	11	—	3	19	—
3 or 4 years		9	13	19	1	2	30	29
5 to 9 years		23	32	39	3	9	90	80
10 years or more		97	128	133	4	49	246	240
Average years on present farm		24.8	21.7	18.6	(D)	23.7	17.3	(D)
Not reported		28	45	38	—	13	53	56
1987 operators by age group:								
Under 25 years		2	5	3	—	—	—	6
25 to 34 years		10	24	28	1	5	34	68
35 to 44 years		31	38	51	3	14	123	85
45 to 54 years		30	38	54	3	15	116	90
55 to 64 years		39	56	57	—	25	91	83
65 years and over		46	67	47	1	17	74	82
Average age		56.0	54.5	51.7	(D)	54.1	51.0	(D)
								50.1
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) farms, 1987	106	172	146	6	40	283	—	332
	1982	118	192	170	4	53	235	339
acres, 1987	13 775	23 382	13 739	263	6 004	22 392	—	54 021
	1982	16 768	28 722	15 171	(D)	5 719	19 666	54 528
Partnership farms, 1987	25	28	35	2	4	31	—	42
	1982	19	29	18	—	4	35	53
acres, 1987	4 681	5 915	3 300	(D)	(D)	8 110	(D)	8 909
	1982	4 107	4 998	1 613	(D)	4 437	—	12 903
Corporation:								
Family held farms, 1987	22	20	49	—	24	107	2	45
	1982	18	20	52	—	25	65	38
acres, 1987	3 985	7 087	5 438	—	(D)	(D)	(D)	(D)
	1982	(D)	(D)	5 338	—	918	(D)	(D)
Other than family held farms, 1987	4	5	6	—	6	7	—	2
	1982	1	2	8	—	(D)	(D)	1
acres, 1987	(D)	1 046	201	—	(D)	(D)	—	(D)
	1982	(D)	(D)	801	—	(D)	—	(D)
Other—cooperative, estate or trust, institutional, etc. farms, 1987	1	3	4	—	2	10	—	3
	1982	1	3	—	2	5	—	5
acres, 1987	(D)	1 007	759	—	(D)	4 198	—	5 610
	1982	(D)	688	—	(D)	2 035	—	4 441
1987 FARM PRODUCTION EXPENSES¹								
Total farm production expenses farms	156	224	236	8	68	443	3	428
\$1,000	14 373	18 752	36 149	(D)	7 786	46 337	(D)	40 199
Livestock and poultry purchased farms	37	63	39	2	16	20	—	170
\$1,000	457	352	2 451	(D)	878	804	—	2 268
Feed for livestock and poultry farms	90	97	69	2	18	43	—	251
\$1,000	1 516	2 492	3 447	(D)	338	888	—	11 142
Commercially mixed formula feeds farms	81	85	50	2	17	16	—	199
\$1,000	1 270	1 615	3 113	(D)	250	578	—	10 396
Seeds, bulbs, plants, and trees farms	88	186	149	5	58	104	—	238
\$1,000	378	748	1 108	63	871	272	—	387
Commercial fertilizer farms	130	201	179	6	61	398	3	287
\$1,000	664	1 253	404	(D)	131	2 039	(D)	1 149
Agricultural chemicals farms	124	178	169	6	43	405	3	282
\$1,000	359	816	414	(D)	102	2 691	(D)	1 170
Petroleum products farms	156	224	224	8	67	418	3	427
\$1,000	712	1 197	1 502	(D)	484	1 841	(D)	1 365
Electricity farms	134	205	184	7	43	345	3	382
\$1,000	362	468	909	(D)	116	724	(D)	972
Hired farm labor farms	83	162	144	7	35	324	2	223
\$1,000	4 734	4 992	14 854	(D)	2 867	15 310	(D)	7 983
Contract labor farms	54	28	44	2	13	232	1	129
\$1,000	280	209	869	(D)	109	2 451	(D)	1 544
Repair and maintenance farms	146	218	204	8	58	414	3	380
\$1,000	952	1 292	1 584	(D)	322	3 298	(D)	1 982
Customwork, machine hire, and rental of machinery and equipment farms	39	87	61	3	7	188	1	83
\$1,000	91	230	436	(D)	15	1 778	(D)	187
Interest farms	99	129	100	7	29	221	1	226
\$1,000	1 025	1 051	1 401	(D)	191	3 146	(D)	2 101
Cash rent farms	32	119	60	4	18	28	—	137
\$1,000	350	394	250	(D)	62	356	—	816
Property taxes farms	154	220	224	6	54	404	3	404
\$1,000	502	810	963	(D)	213	3 260	(D)	1 219
All other farm production expenses farms	158	224	236	8	68	443	3	428
\$1,000	1 992	2 649	5 556	(D)	1 085	7 479	(D)	5 915

See footnotes at end of table.

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text.]

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
MACHINERY AND EQUIPMENT¹							
Estimated market value of all machinery and equipment							
farms, 1987--	2 488	85	138	286	16	171	224
1982--	2 384	56	138	269	12	158	224
\$1,000, 1987--	141 037	3 874	7 874	12 904	454	11 143	11 917
1982--	111 709	1 655	7 738	8 846	357	7 176	10 897
Average per farm							
dollars, 1987--	56 687	45 582	57 059	45 117	28 389	65 165	53 202
1982--	46 858	29 559	56 072	32 883	29 783	45 420	48 646
Motortrucks, including pickups							
farms, 1987--	2 309	83	106	257	14	165	207
1982--	2 169	51	134	221	12	154	220
number, 1987--	6 515	190	267	597	24	397	505
1982--	5 810	107	296	528	17	341	569
Wheel tractors							
farms, 1987--	2 202	53	127	242	14	152	224
1982--	2 008	28	123	234	12	111	221
number, 1987--	7 164	99	554	866	31	516	729
1982--	6 048	62	411	744	21	362	673
Grain and bean combines ²							
farms, 1987--	40	1	4	5	-	2	7
1982--	20	-	4	2	-	1	4
number, 1987--	46	(D)	(D)	(D)	-	(D)	8
1982--	(D)	-	4	(D)	-	(D)	6
LIVESTOCK AND POULTRY							
Cattle and calves inventory							
farms, 1987--	834	3	88	95	5	41	131
1982--	1 075	7	113	127	7	52	160
number, 1987--	70 457	(D)	9 987	6 676	53	2 789	11 624
1982--	88 223	(D)	11 816	8 990	240	3 665	13 876
Cows and heifers that had calved							
farms, 1987--	762	3	79	85	5	34	121
1982--	990	6	110	107	7	50	152
number, 1987--	40 450	(D)	5 632	4 392	25	1 482	6 612
1982--	51 998	(D)	6 815	5 849	147	2 358	7 546
Beef cows							
farms, 1987--	259	2	18	35	4	16	26
1982--	281	4	38	32	3	22	30
number, 1987--	4 169	(D)	415	450	(D)	213	254
1982--	3 528	35	515	444	(D)	289	191
Milk cows							
farms, 1987--	593	1	67	66	2	24	101
1982--	829	2	83	86	4	35	135
number, 1987--	36 281	(D)	5 217	3 942	(D)	1 269	6 358
1982--	48 470	(D)	6 300	5 405	(D)	2 069	7 355
Heifers and heifer calves							
farms, 1987--	653	1	74	57	4	29	116
number, 1987--	23 341	(D)	3 083	1 408	22	961	4 496
Steers, steer calves, bulls, and bull calves							
farms, 1987--	431	2	61	50	3	30	54
number, 1987--	6 666	(D)	1 272	876	6	346	516
Cattle and calves sold							
farms, 1987--	804	3	86	91	5	41	128
1982--	1 018	4	113	118	5	49	150
number, 1987--	34 466	(D)	4 845	3 757	17	1 592	4 872
1982--	41 862	31	4 886	5 123	(D)	1 948	5 824
Calves							
farms, 1987--	632	3	65	58	1	32	108
number, 1987--	18 708	(D)	2 606	1 622	(D)	648	2 806
Cattle							
farms, 1987--	738	2	80	81	5	39	124
1982--	928	3	102	109	4	42	144
number, 1987--	15 758	(D)	2 239	2 135	(D)	944	2 066
1982--	17 380	(D)	1 678	2 383	35	1 080	2 302
Fattened on grain and concentrates							
farms, 1987--	95	-	8	14	4	13	5
number, 1987--	1 958	-	89	656	(D)	98	27
Hogs and pigs inventory							
farms, 1987--	168	2	9	30	3	6	17
1982--	218	2	20	28	4	9	11
number, 1987--	21 817	(D)	52	4 031	10	328	274
1982--	33 627	(D)	457	4 138	9	447	122
Used or to be used for breeding							
farms, 1987--	83	2	5	19	1	5	3
1982--	102	-	5	9	1	4	5
number, 1987--	2 331	(D)	9	517	(D)	42	(D)
1982--	3 545	-	(D)	209	(D)	90	12
Other							
farms, 1987--	156	-	6	30	3	5	16
1982--	210	2	20	28	4	9	11
number, 1987--	19 486	-	43	3 514	(D)	286	(D)
1982--	30 082	(D)	(D)	3 929	(D)	357	110
Hogs and pigs sold							
farms, 1987--	143	-	6	29	4	7	12
1982--	167	3	8	23	6	5	8
number, 1987--	34 969	-	80	8 496	(D)	1 497	723
1982--	38 123	6	263	5 308	32	662	(D)
Feeder pigs							
farms, 1987--	25	-	2	4	-	3	2
1982--	48	-	1	7	1	3	2
number, 1987--	6 647	-	(D)	(D)	-	(D)	(D)
1982--	4 640	-	(D)	787	(D)	398	(D)
Sheep and lambs inventory							
farms, 1987--	109	2	12	8	5	5	10
1982--	86	4	8	5	-	9	12
number, 1987--	5 170	(D)	124	434	759	44	184
1982--	2 111	103	209	78	-	41	116
Sheep and lambs sold							
farms, 1987--	94	2	9	10	5	3	8
1982--	53	1	7	5	-	4	7
number, 1987--	5 172	(D)	97	383	474	(D)	98
1982--	1 586	(D)	136	39	-	8	88
Hens and pullets of laying age inventory							
farms, 1987--	205	14	9	22	6	12	17
1982--	194	7	15	17	4	20	14
number, 1987--	1 235 594	(D)	(D)	109 100	(D)	(D)	(D)
1982--	1 151 437	(D)	(D)	(D)	85	(D)	(D)
Broilers and other meat-type chickens sold							
farms, 1987--	6	-	-	1	-	2	1
1982--	17	1	1	3	-	4	1
number, 1987--	(D)	-	(D)	(D)	-	(D)	(D)
1982--	159 021	(D)	(D)	(D)	-	(D)	(D)

See footnotes at end of table.

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

(Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text)

Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
MACHINERY AND EQUIPMENT¹								
Estimated market value of all machinery and equipment								
farms, 1987	158	224	236	8	68	443	3	428
1982	158	246	248	4	78	354	3	436
\$1,000, 1987	8 859	11 434	13 870	(D)	3 077	32 223	(D)	22 934
1982	6 508	12 452	14 434	(D)	2 712	18 812	(D)	19 790
Average per farm	56 070	51 046	58 773	(D)	45 257	72 739	(D)	53 583
dollars, 1987	56 070	51 046	58 773	(D)	45 257	72 739	(D)	53 583
1982	41 193	50 617	58 201	(D)	34 767	53 141	(D)	45 389
Motortrucks, including pickups								
farms, 1987	155	213	219	8	66	406	3	407
1982	150	238	191	4	69	308	3	416
number, 1987	438	733	745	(D)	129	1 371	(D)	1 074
1982	419	645	636	(D)	192	988	(D)	1 060
Wheel tractors								
farms, 1987	137	223	201	6	64	378	1	380
1982	146	208	202	4	66	264	1	388
number, 1987	456	742	787	(D)	147	873	(D)	1 319
1982	512	638	561	(D)	157	725	(D)	1 148
Grain and bean combinats ²								
farms, 1987	3	6	2	-	-	1	-	9
1982	-	7	-	-	-	-	-	2
number, 1987	3	7	(D)	-	-	(D)	-	9
1982	-	7	-	-	-	-	-	(D)
LIVESTOCK AND POULTRY								
Cattle and calves inventory								
farms, 1987	54	101	56	1	23	34	-	202
1982	75	132	61	1	28	52	-	260
number, 1987	4 367	9 191	3 768	(D)	1 092	4 219	-	16 597
1982	6 023	10 599	3 874	(D)	1 097	6 425	-	21 537
Cows and heifers that had calved								
farms, 1987	51	91	50	1	21	30	-	191
1982	73	123	50	1	25	45	-	241
number, 1987	2 713	5 302	2 135	(D)	661	1 427	-	10 028
1982	3 497	5 943	2 126	(D)	688	4 565	-	12 420
Beef cows								
farms, 1987	14	19	30	1	14	14	-	66
1982	15	26	23	1	12	16	-	59
number, 1987	434	107	679	(D)	87	255	-	1 241
1982	193	161	453	(D)	128	129	-	960
Milk cows								
farms, 1987	41	83	27	-	14	19	-	148
1982	68	114	34	-	16	32	-	210
number, 1987	2 279	5 195	1 456	-	574	1 172	-	8 787
1982	3 304	5 782	1 673	-	560	4 436	-	11 460
Heifers and heifer calves								
farms, 1987	44	89	40	-	19	22	-	158
number, 1987	1 421	3 626	1 163	-	379	(D)	-	5 175
Steers, steer calves, bulls, and bull calves								
farms, 1987	21	49	35	1	10	16	-	99
number, 1987	233	263	470	(D)	52	(D)	-	1 394
Cattle and calves sold								
farms, 1987	51	98	52	1	23	28	-	197
1982	74	131	57	1	22	43	-	251
number, 1987	1 788	4 414	2 010	(D)	502	2 001	-	8 635
1982	2 419	5 123	2 009	(D)	745	3 235	-	10 417
Calves								
farms, 1987	46	84	38	1	15	23	-	158
number, 1987	1 092	2 841	846	(D)	275	763	-	5 178
Cattle								
farms, 1987	42	86	49	-	20	26	-	184
1982	69	119	49	1	20	42	-	224
number, 1987	696	1 573	1 164	-	227	1 238	-	3 457
1982	901	2 309	1 028	(D)	450	1 608	-	3 378
Fattened on grain and concentratats								
farms, 1987	5	6	11	-	3	5	-	21
number, 1987	20	21	293	-	(D)	(D)	-	297
Hogs and pigs inventory								
farms, 1987	6	10	21	-	5	12	-	47
1982	5	28	22	1	9	21	-	58
number, 1987	28	2 346	4 557	-	(D)	3 063	-	6 418
1982	76	2 258	7 624	(D)	1 425	4 239	-	12 825
Used or to be used for breeding								
farms, 1987	1	4	8	-	3	6	-	26
1982	1	14	16	-	5	9	-	33
number, 1987	(D)	(D)	168	-	(D)	186	-	911
1982	307	440	-	-	183	538	-	1 674
Other								
farms, 1987	5	10	21	1	5	12	-	41
1982	5	26	19	1	9	20	-	56
number, 1987	(D)	(D)	4 389	-	(D)	2 877	-	5 507
1982	(D)	1 951	7 184	(D)	1 242	3 701	-	11 151
Hogs and pigs sold								
farms, 1987	3	9	25	-	3	9	-	36
1982	2	17	23	-	9	16	-	46
number, 1987	(D)	4 192	8 177	-	(D)	5 418	-	5 847
1982	(D)	3 842	9 415	-	1 632	5 376	-	11 418
Feeder pigs								
farms, 1987	-	2	1	-	1	2	-	8
1982	-	9	2	-	4	6	-	13
number, 1987	(D)	(D)	(D)	-	(D)	(D)	-	456
1982	-	510	(D)	-	(D)	353	-	1 694
Sheep and lambs inventory								
farms, 1987	5	6	23	-	4	9	-	19
1982	1	6	13	-	3	9	-	16
number, 1987	41	(D)	1 403	-	69	110	-	1 011
1982	(D)	669	342	-	124	(D)	-	380
Sheep and lambs sold								
farms, 1987	4	5	21	-	3	6	-	18
1982	1	5	10	-	3	96	-	521
number, 1987	36	(D)	1 777	-	39	96	-	305
1982	(D)	(D)	324	-	(D)	-	-	
Hens and pullets of laying age inventory								
farms, 1987	17	10	26	1	8	13	-	50
1982	12	19	23	1	7	15	-	40
number, 1987	(D)	(D)	(D)	-	4 535	(D)	-	834 751
1982	(D)	(D)	125 094	(D)	(D)	(D)	-	(D)
Broilers and other meat-type chickens sold								
farms, 1987	1	-	-	-	-	-	-	1
1982	1	-	-	-	-	-	-	2
number, 1987	(D)	-	-	-	-	-	-	(D)
1982	(D)	-	-	(D)	-	-	-	(D)

See footnotes at end of table.

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text.]

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin	
CROPS HARVESTED								
Corn for grain or seed								
farms, 1987--	90	-	12	9	-	2	14	
1982--	94	2	15	9	-	2	15	
acres, 1987--	5 189	-	810	318	-	(D)	921	
1982--	5 601	(D)	999	(D)	-	(D)	1 078	
bushels, 1987--	585 966	-	83 267	24 746	-	(D)	114 919	
1982--	550 464	(D)	93 720	(D)	-	(D)	109 403	
Corn for silage or green chop								
farms, 1987--	468	1	53	52	-	15	84	
1982--	675	-	71	84	1	29	112	
acres, 1987--	27 193	(D)	4 053	2 143	-	728	3 824	
1982--	35 309	-	4 761	4 357	(D)	1 146	4 711	
tons, green, 1987--	501 419	(D)	73 026	34 474	-	14 428	78 220	
1982--	599 106	-	82 179	67 039	(D)	16 258	95 762	
Irish potatoes								
farms, 1987--	73	1	4	7	1	5	20	
1982--	91	-	2	12	1	8	15	
acres, 1987--	2 588	(D)	(D)	(D)	(D)	(D)	738	
1982--	3 691	-	(D)	154	(D)	18	748	
cwt, 1987--	609 350	(D)	(D)	(D)	(D)	(D)	156 973	
1982--	723 891	-	(D)	(D)	(D)	4 030	170 464	
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)								
farms, 1987--	969	3	101	91	6	59	147	
1982--	1 106	2	111	109	5	61	162	
acres, 1987--	80 401	(D)	12 365	5 159	(D)	6 438	10 506	
1982--	81 992	(D)	13 388	5 113	334	5 948	10 507	
tons, dry, 1987--	189 640	(D)	30 851	10 373	293	13 495	25 722	
1982--	187 066	(D)	33 941	11 359	513	9 806	24 948	
Vegetables harvested for sale (see text)								
farms, 1987--	622	15	22	94	4	57	63	
1982--	566	12	19	92	7	52	53	
acres, 1987--	15 064	241	457	2 412	62	1 696	1 267	
1982--	13 717	129	326	2 421	82	1 397	945	
Land in orchards								
farms, 1987--	247	6	9	26	2	15	21	
1982--	208	4	8	20	3	10	18	
acres, 1987--	7 886	(D)	168	304	(D)	424	998	
1982--	7 976	(D)	190	234	(D)	319	909	
Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
CROPS HARVESTED								
Corn for grain or seed								
farms, 1987--	7	30	3	-	1	2	-	10
1982--	7	30	-	-	1	4	-	9
acres, 1987--	250	1 943	115	-	(D)	(D)	-	507
1982--	93	2 480	-	-	(D)	176	-	353
bushels, 1987--	26 900	252 362	(D)	-	(D)	(D)	-	49 326
1982--	7 577	283 146	-	-	(D)	6 980	-	26 023
Corn for silage or green chop								
farms, 1987--	40	67	20	-	5	15	-	116
1982--	54	91	39	-	11	20	-	163
acres, 1987--	2 514	4 075	1 158	-	(D)	2 148	-	6 355
1982--	2 957	4 299	1 526	-	(D)	3 606	-	7 674
tons, green, 1987--	42 825	72 536	21 756	-	(D)	36 041	-	125 013
1982--	40 759	72 154	26 188	-	(D)	61 069	-	133 786
Irish potatoes								
farms, 1987--	1	19	3	2	-	2	-	8
1982--	5	25	2	2	2	4	-	13
acres, 1987--	(D)	(D)	3	(D)	(D)	(D)	-	(D)
1982--	(D)	2 398	(D)	(D)	(D)	(D)	-	41
cwt, 1987--	(D)	(D)	280	(D)	(D)	(D)	-	(D)
1982--	(D)	418 047	(D)	(D)	(D)	(D)	-	6 852
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)								
farms, 1987--	70	123	69	1	24	40	-	235
1982--	79	156	74	3	32	44	-	268
acres, 1987--	3 844	8 937	6 968	(D)	2 147	3 775	-	19 934
1982--	4 007	10 522	6 024	(D)	1 483	3 297	-	21 023
tons, dry, 1987--	9 245	22 321	13 877	(D)	3 968	8 897	-	50 419
1982--	9 889	25 654	14 218	(D)	2 363	6 632	-	47 353
Vegetables harvested for sale (see text)								
farms, 1987--	56	75	88	4	18	32	-	94
1982--	43	63	90	3	15	31	-	86
acres, 1987--	1 827	2 035	2 134	137	246	915	-	1 834
1982--	1 570	1 552	2 531	117	221	895	-	1 530
Land in orchards								
farms, 1987--	30	19	41	-	7	9	-	62
1982--	24	14	29	-	5	10	-	63
acres, 1987--	741	824	1 159	-	119	(D)	-	3 012
1982--	837	607	1 275	-	147	58	-	3 322

¹Data are based on a sample of farms.

²Data for 1982 include self-propelled only.

Table 17. Milk Goats—Inventory and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sales						Farms	Total sales (\$1,000)	
			Milk goats		Goat milk		Farms	Gallons			
	Farms	Number	Farms	Number							
STATE TOTAL											
Massachusetts ----- 1987--	152	1 446	49	541	50	67 723			76	291	
1982--	166	1 094	72	652	30	20 971			(NA)	97	
COUNTIES, 1987											
Barnstable -----	8	(D)	4	(D)	4	1 004			4	7	
Berkshire -----	13	93	3	18	3	(D)			4	(D)	
Bristol -----	9	87	-	-	3	(D)			3	(D)	
Essex -----	14	107	5	45	5	2 816			7	12	
Franklin -----	24	271	7	81	12	9 260			16	32	
Hampden -----	17	67	1	(D)	4	2 872			5	7	
Hampshire -----	4	84	4	56	2	(D)			4	2	
Middlesex -----	5	130	4	75	3	4 500			4	11	
Norfolk -----	5	(D)	2	(D)	2	(D)			2	(D)	
Plymouth -----	14	(D)	6	22	1	(D)			6	1	
Worcester -----	39	(D)	13	136	11	24 683			21	128	

Table 18. Angora Goats—Inventory and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sales						Farms	Total sales (\$1,000)	
			Angora goats		Mohair		Farms	Pounds			
	Farms	Number	Farms	Number							
STATE TOTAL											
Massachusetts ----- 1987--	9	23	-	-	5	103			5	(D)	
1982--	2	(D)	1	(D)	1	(D)			(NA)	(D)	
COUNTIES, 1987											
Essex -----	3	5	-	-	2	(D)			2	(D)	
All other counties -----	6	18	-	-	3	(D)			3	(Z)	

Table 19. Mink and Their Pelts—Inventory and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sales				Sales (\$1,000)
	Farms	Number	Farms	Number			
STATE TOTAL							
Massachusetts ----- 1987--	4	2 856	6	12 728			361
1982--	7	4 008	8	13 834			386

Table 20. Colonies of Bees and Honey—Inventory and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sales						Farms	Total sales (\$1,000)
			Colonies of bees		Honey					
	Farms	Number	Farms	Number	Farms	Pounds				
STATE TOTAL										
Massachusetts ----- 1987--	378	9 391	19	169	141	170 099		145		117
----- 1982--	388	7 260	19	754	83	123 458		(NA)		111
COUNTIES, 1987										
Barnstable -----	13	46	-	-	1	(D)		1		(D)
Berkshire -----	20	51	1	(D)	6	510		7		(Z)
Bristol -----	45	(D)	3	60	21	(D)		21		66
Essex -----	28	206	3	13	17	4 371		17		5
Franklin -----	35	400	-	-	12	5 425		12		5
Hampden -----	19	78	1	(D)	7	1 480		7		2
Hampshire -----	23	305	2	(D)	11	7 515		11		6
Middlesex -----	43	2 055	2	(D)	21	16 448		21		15
Norfolk -----	16	387	1	(D)	5	3 630		6		4
Plymouth -----	62	733	2	(D)	19	6 332		20		6
Worcester -----	67	209	4	14	17	2 577		18		3
All other counties -----	7	(D)	-	-	4	3 250		4		(D)

Table 21. Fish Sales: 1987 and 1982

[Not published for this State]

Table 22. Miscellaneous Poultry—Inventory and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sales		Number
	Farms	Number	Farms	Number	
DUCKS					
State Total					
Massachusetts ----- 1987--	153	5 500	37		
----- 1982--	175	13 482	43		(D)
Counties, 1987					
Barnstable -----	3	22	2		(D)
Berkshire -----	9	(D)	2		(D)
Bristol -----	18	760	7		275
Dukes -----	6	51	1		(D)
Essex -----	9	89	3		108
Franklin -----	16	185	1		(D)
Hampden -----	16	154	-		-
Hampshire -----	14	82	-		-
Middlesex -----	15	157	3		38
Norfolk -----	4	(D)	1		(D)
Plymouth -----	10	110	4		(D)
Worcester -----	33	3 744	13		(D)
GEES					
State Total					
Massachusetts ----- 1987--	189	3 697	37		
----- 1982--	186	1 733	44		1 554
----- 1980					920
Counties, 1987					
Barnstable -----	3	22	2		(D)
Berkshire -----	13	165	-		(D)
Bristol -----	21	2 136	6		234
Dukes -----	5	(D)	-		-
Essex -----	15	136	3		(D)
Franklin -----	16	138	5		24
Hampden -----	20	188	1		(D)
Hampshire -----	13	81	1		(D)
Middlesex -----	18	167	7		35
Norfolk -----	6	35	-		-
Plymouth -----	26	(D)	3		(D)
Worcester -----	33	494	9		699

Table 22. Miscellaneous Poultry—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sales	
	Farms	Number	Farms	Number
PIGEONS OR SQUAB				
State Total				
Massachusetts	1987 1982	16 16	1 327 1 164	6 6
Counties, 1987				
Bristol		3	82	2
Middlesex		3	200	—
Worcester		5	603	3
All other counties		5	442	1
PHEASANTS				
State Total				
Massachusetts	1987 1982	14 15	1 212 2 506	8 7
				70 330 (D)

Table 23. Miscellaneous Livestock and Animal Specialties—Inventory and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sales		Sales (\$1,000)	
	Farms	Number	Farms	Number		
MULES, BURROS, AND DONKEYS						
State Total						
Massachusetts	1987 1982	83 25	166 51	10 2	28 (D)	
Counties, 1987						
Berkshire		5	10	—	—	
Bristol		16	25	1	(D)	
Dukes		3	3	1	(D)	
Essex		6	28	2	(D)	
Hampden		3	3	—	—	
Hampshire		11	21	3	17	
Middlesex		12	24	—	—	
Norfolk		5	7	—	—	
Worcester		16	38	3	6	
All other counties		6	7	—	—	
GOATS, TOTAL						
State Total						
Massachusetts	1987 1982	279 219	2 756 1 321	98 87	1 187 809	
Counties, 1987						
Barnstable		11	98	5	48	
Berkshire		17	104	3	18	
Bristol		29	474	11	119	
Essex		26	176	11	74	
Franklin		34	337	11	112	
Hampden		28	148	5	(D)	
Hampshire		12	127	6	75	
Middlesex		13	149	4	75	
Plymouth		28	259	12	102	
Worcester		69	799	26	479	
All other counties		12	85	4	(NA)	

Table 23. Miscellaneous Livestock and Animal Specialties—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sales		
	Farms	Number	Farms	Number	Sales (\$1,000)
GOATS, EXCEPT ANGORA AND MILK					
State Total					
Massachusetts ----- 1987-----	164	1 287	59	646	41
Massachusetts ----- 1982-----	64	(D)	16	(D)	(D)
Counties, 1987					
Berkshire -----	4	11	-	-	-
Bristol -----	24	387	11	119	5
Essex -----	17	64	6	29	2
Franklin -----	13	(D)	5	31	(D)
Hampden -----	17	81	4	(D)	1
Hampshire -----	9	(D)	3	19	1
Middlesex -----	8	19	-	-	-
Norfolk -----	6	53	2	(D)	(D)
Plymouth -----	20	151	7	80	8
Worcester -----	41	404	20	343	23
All other counties -----	5	18	1	(D)	(D)
RABBITS AND THEIR PELTS					
State Total					
Massachusetts ----- 1987-----	114	12 037	53	25 701	467
Massachusetts ----- 1982-----	97	13 081	65	33 623	281
Counties, 1987					
Berkshire -----	11	125	3	46	(Z)
Bristol -----	8	(D)	5	4 540	(D)
Essex -----	8	130	5	295	1
Franklin -----	14	312	10	968	8
Hampden -----	7	112	4	310	2
Hampshire -----	8	(D)	5	(D)	(D)
Middlesex -----	11	59	2	(D)	(D)
Plymouth -----	21	2 421	8	6 460	(D)
Worcester -----	21	831	11	1 989	8
All other counties -----	5	40	-	-	-
OTHER LIVESTOCK AND LIVESTOCK PRODUCTS					
State Total					
Massachusetts ----- 1987-----	20	(X)	16	(X)	(D)
Massachusetts ----- 1982-----	(NA)	(X)	(NA)	(X)	(D)
Counties, 1987					
Bristol -----	4	(X)	2	(X)	(D)
Essex -----	3	(X)	3	(X)	(D)
Middlesex -----	4	(X)	2	(X)	(D)
Worcester -----	5	(X)	4	(X)	(D)
All other counties -----	4	(X)	5	(X)	4

Table 24. Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
CORN FOR GRAIN OR SEED (BUSHELS)										
State Total										
Massachusetts -----	152	5 681	626 829	1	(D)	165	6 077	591 680	10	19
Counties										
Berkshire -----	18	836	85 677	-	-	18	1 042	97 120	-	-
Bristol -----	13	338	26 146	-	-	11	167	10 955	-	-
Essex -----	5	205	12 050	-	-	6	291	(D)	1	(D)
Franklin -----	24	1 012	124 736	-	-	26	1 122	112 725	4	4
Hampden -----	13	329	29 750	-	-	21	178	14 393	-	-
Hampshire -----	39	2 025	261 078	-	-	46	2 627	302 552	-	-
Middlesex -----	11	162	17 111	1	(D)	4	19	1 270	-	-
Worcester -----	24	593	55 306	-	-	18	387	28 225	-	-
All other counties -----	5	181	14 975	-	-	(NA)	(NA)	(NA)	(NA)	(NA)

Table 24. Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
WHEAT FOR GRAIN (BUSHELS)										
State Total										
Massachusetts	7	143	6 056	—	—	7	33	1 276	1	(D)
BUCKWHEAT (BUSHELS)										
State Total										
Massachusetts	7	25	260	—	—	(NA)	(NA)	(NA)	(NA)	(NA)
OATS FOR GRAIN (BUSHELS)										
State Total										
Massachusetts	16	157	8 175	—	—	33	(D)	26 675	—	—
Counties										
Berkshire	7	66	4 544	—	—	11	349	19 911	—	(NA)
Franklin	3	(D)	(D)	—	—	(NA)	(NA)	(NA)	(NA)	(NA)
All other counties	6	(D)	(D)	—	—	(NA)	(NA)	(NA)	(NA)	(NA)
RYE FOR GRAIN (BUSHELS)										
State Total										
Massachusetts	17	342	13 876	—	—	39	798	23 101	—	—
Counties										
Franklin	3	28	970	—	—	10	62	1 900	—	—
Hampden	3	52	1 850	—	—	4	18	371	—	—
Hampshire	5	239	(D)	—	—	16	615	18 786	—	—
All other counties	6	23	(D)	—	—	(NA)	(NA)	(NA)	(NA)	(NA)

Table 25. Cotton, Tobacco, Soybeans, Dry Beans and Peas, Potatoes, Sugar Crops, and Peanuts: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
TOBACCO (POUNDS)										
State Total										
Massachusetts	21	458	618 971	9	205	46	352	574 990	8	120
Counties										
Franklin	5	(D)	(D)	2	(D)	9	29	55 114	3	10
Hampden	5	217	(D)	5	137	6	119	144 050	4	(D)
Hampshire	11	(D)	310 761	2	(D)	31	204	375 826	1	(D)
IRISH POTATOES (CWT)										
State Total										
Massachusetts	93	2 628	615 427	15	150	136	3 759	732 649	29	336
Counties										
Berkshire	4	(D)	(D)	—	—	7	(D)	(D)	—	—
Bristol	7	(D)	(D)	2	(D)	17	157	36 153	3	(D)
Dukes	4	4	299	—	—	(NA)	(NA)	(NA)	(NA)	(D)
Essex	7	9	(D)	2	(D)	11	19	4 116	4	(D)
Franklin	23	744	158 131	4	(D)	20	772	172 594	2	(D)
Hampden	5	(D)	(D)	—	—	8	(D)	(D)	2	(D)
Hampshire	20	1 436	370 521	1	(D)	33	2 412	420 476	3	(D)
Middlesex	3	3	280	1	(D)	5	7	1 002	2	(D)
Norfolk	3	2	800	1	(D)	4	6	1 405	3	(D)
Plymouth	4	4	280	—	—	8	25	6 205	2	(D)
Worcester	9	13	1 095	1	(D)	17	46	7 117	6	13
All other counties	4	20	4 500	3	17	(NA)	(NA)	(NA)	(NA)	(NA)

Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
FIELD SEED AND GRASS SEED CROPS										
State Total										
Massachusetts -----	8	38	(X)	-	-	19	193	(X)	2	(D)
RYEGRASS SEED (POUNDS)										
State Total										
Massachusetts -----	5	12	11 800	-	-	16	170	25 995	1	(D)
HAY—ALFALFA, OTHER TAME, SMALL GRAIN, WILD, GRASS SILAGE, GREEN CHOP, ETC. (SEE TEXT) (TONS, DRY)										
State Total										
Massachusetts -----	2 874	121 498	250 559	24	339	2 663	116 729	241 584	13	178
Counties										
Berkshire -----	270	17 720	37 707	1	(D)	257	18 221	39 948	-	-
Bristol -----	273	8 089	14 968	2	(D)	251	7 390	15 160	3	14
Dukes -----	21	499	685	-	-	19	660	1 027	-	-
Essex -----	187	9 286	17 273	1	(D)	162	7 990	13 075	-	-
Franklin -----	393	15 587	34 501	-	-	359	14 719	31 464	-	-
Hampden -----	255	7 688	15 119	2	(D)	208	6 395	13 837	-	-
Hampshire -----	336	13 534	29 850	4	138	327	14 420	31 882	1	(D)
Middlesex -----	211	9 810	17 981	-	-	213	9 133	19 120	2	(D)
Norfolk -----	81	3 295	5 698	1	(D)	76	4 957	9 008	2	(D)
Plymouth -----	142	5 462	10 987	3	78	138	4 957	9 008	1	(D)
Worcester -----	697	30 440	65 586	8	46	640	29 888	62 785	4	123
All other counties -----	8	88	204	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
ALFALFA HAY (TONS, DRY)										
State Total										
Massachusetts -----	1 136	32 202	81 376	10	94	980	28 693	74 412	1	(D)
Counties										
Berkshire -----	103	5 663	15 655	1	(D)	103	4 074	12 992	-	-
Bristol -----	127	2 402	5 557	2	(D)	98	2 187	5 508	-	-
Essex -----	63	1 419	3 040	-	-	50	1 296	2 686	-	-
Franklin -----	160	3 827	10 327	-	-	125	3 721	9 301	-	-
Hampden -----	83	1 516	4 149	1	(D)	68	1 595	3 583	-	-
Hampshire -----	134	3 281	8 626	1	(D)	106	2 493	6 910	-	-
Middlesex -----	94	2 927	6 085	-	-	93	2 533	7 977	-	-
Norfolk -----	37	(D)	1 750	1	(D)	27	591	(D)	1	(D)
Plymouth -----	49	2 160	6 265	-	-	43	1 627	3 757	-	-
Worcester -----	275	7 807	19 397	4	(D)	254	8 237	19 922	-	-
All other counties -----	11	(D)	525	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
SMALL GRAIN HAY (TONS, DRY)										
State Total										
Massachusetts -----	209	3 755	5 936	1	(D)	95	798	1 127	1	(D)
Counties										
Berkshire -----	15	305	409	-	-	11	102	147	-	-
Bristol -----	25	364	777	1	(D)	6	56	61	-	-
Essex -----	7	135	235	-	-	6	120	142	-	-
Franklin -----	35	585	1 223	-	-	13	80	124	-	-
Hampden -----	21	326	386	-	-	6	30	46	-	-
Hampshire -----	21	258	313	-	-	10	69	72	-	-
Middlesex -----	9	261	288	-	-	9	68	75	1	(D)
Norfolk -----	8	86	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Plymouth -----	16	163	206	-	-	8	59	87	-	-
Worcester -----	49	1 244	1 966	-	-	21	183	317	-	-
All other counties -----	3	28	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)

Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
TAME HAY OTHER THAN ALFALFA, SMALL GRAIN, AND WILD HAY (SEE TEXT) (TONS, DRY)										
State Total										
Massachusetts	1 699	60 650	120 497	11	219	1 948	67 441	130 038	10	65
Counties										
Berkshire	153	7 767	15 625	-	-	178	10 451	19 028	-	-
Bristol	141	4 030	6 637	-	-	165	3 597	7 311	3	14
Dukes	11	188	212	-	-	10	(D)	(D)	-	-
Essex	125	5 674	9 630	-	-	118	4 979	7 886	-	-
Franklin	230	7 659	16 256	-	-	274	8 265	17 048	-	-
Hampden	150	4 206	8 011	1	(D)	157	4 281	9 385	-	-
Hampshire	216	7 700	17 418	3	(D)	256	9 753	20 221	1	(D)
Middlesex	132	4 606	8 451	-	-	149	5 357	9 105	1	(D)
Norfolk	45	1 805	2 942	-	-	59	1 664	2 222	1	(D)
Plymouth	78	2 232	3 429	3	-	78	96	2 482	4 249	(D)
Worcester	414	14 747	31 830	4	-	475	16 085	32 932	3	(D)
All other counties	4	36	56	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
WILD HAY (TONS, DRY)										
State Total										
Massachusetts	611	13 893	20 818	5	(D)	353	7 463	9 059	1	(D)
Counties										
Barnstable	3	(D)	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Berkshire	83	2 772	3 135	-	-	49	1 323	1 643	-	-
Bristol	54	1 103	1 667	-	-	41	962	1 346	-	-
Dukes	6	(D)	(D)	-	-	6	45	66	-	-
Essex	29	1 291	2 983	1	(D)	32	791	747	-	-
Franklin	81	1 410	2 162	-	-	40	482	574	-	-
Hampden	65	1 087	1 524	-	-	25	331	455	-	-
Hampshire	57	921	1 575	-	-	32	592	1 077	-	-
Middlesex	48	1 285	2 084	-	-	23	623	784	1	(D)
Norfolk	16	366	705	-	-	18	230	232	-	-
Plymouth	36	677	705	-	-	26	617	574	-	-
Worcester	133	2 920	4 215	3	(D)	58	1 461	1 550	-	-
GRASS SILAGE, HAYLAGE, AND GREEN CHOP HAY (TONS, GREEN)										
State Total										
Massachusetts	209	10 998	65 799	1	(D)	294	12 334	80 830	1	(D)
Counties										
Berkshire	23	1 213	8 654	-	-	34	2 271	18 417	-	-
Bristol	12	190	992	-	-	31	588	2 805	-	-
Essex	14	767	4 156	-	-	19	804	4 840	-	-
Franklin	40	2 106	13 604	-	-	50	2 171	13 249	-	-
Hampden	16	553	3 143	-	-	10	158	1 103	-	-
Hampshire	22	1 374	5 753	-	-	32	1 513	10 804	-	-
Middlesex	15	731	3 220	-	-	18	552	3 538	-	-
Plymouth	5	230	1 145	-	-	12	172	1 022	-	-
Worcester	57	3 722	24 533	-	-	85	3 922	24 178	1	(D)
All other counties	5	112	599	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
CORN FOR SILAGE OR GREEN CHOP (TONS, GREEN)										
State Total										
Massachusetts	604	28 643	524 819	6	-	886	37 553	628 842	9	47
Counties										
Berkshire	64	4 131	74 464	1	(D)	84	4 922	84 582	-	-
Bristol	90	2 731	43 827	4	(D)	116	4 620	70 894	6	(D)
Essex	19	757	14 886	-	-	35	1 222	17 565	-	-
Franklin	100	3 923	80 669	-	-	141	4 883	98 292	-	-
Hampden	56	2 646	44 465	-	-	79	3 196	42 703	1	(D)
Hampshire	78	4 200	75 040	-	-	109	4 512	75 623	-	-
Middlesex	28	1 211	22 318	-	-	56	1 705	28 468	-	-
Plymouth	18	2 206	37 155	-	-	32	3 730	62 939	1	(D)
Worcester	144	6 623	128 685	-	-	215	8 431	143 019	1	(D)
All other counties	7	215	3 310	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)

Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
SORGHUM FOR SILAGE OR GREEN CHOP (TONS, GREEN)										
State Total										
Massachusetts	5	224	948	-	-	20	(D)	1 972	-	-

Table 27. Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres		Farms	Acres	Farms	Acres		Farms	Acres
LAND USED FOR VEGETABLES (SEE TEXT)										
State Total										
Massachusetts	1 008	16 100	312	4 628		1 011	14 937		287	4 301
Counties										
Barnstable	20	251	14	228		22	152		12	87
Berkshire	46	508	8	(D)		43	401		3	(D)
Bristol	138	2 551	45	823		156	2 635		41	726
Dukes	11	(D)	5	55		13	(D)		8	(D)
Essex	95	1 838	45	658		89	1 521		39	437
Franklin	99	1 383	23	441		90	1 035		13	267
Hampden	76	1 645	21	506		73	1 581		24	692
Hampshire	136	2 211	12	132		134	1 818		12	110
Middlesex	128	2 196	51	808		139	2 609		50	780
Nantucket	4	(D)	4	(D)		3	(D)		3	98
Norfolk	36	280	19	130		31	253		14	84
Plymouth	68	1 037	23	185		69	984		31	326
Worcester	151	1 994	42	497		148	1 736		37	556
VEGETABLES HARVESTED (SEE TEXT)										
State Total										
Massachusetts	1 008	16 325	312	4 750		1 011	15 307		287	4 508
Counties										
Barnstable	20	249	14	228		22	155		12	90
Berkshire	46	510	8	38		43	402		3	(D)
Bristol	138	2 560	45	821		156	2 674		41	725
Dukes	11	78	5	55		13	(D)		8	(D)
Essex	95	1 852	45	668		89	1 548		39	455
Franklin	99	1 403	23	446		90	1 044		13	267
Hampden	76	1 674	21	514		73	1 726		24	796
Hampshire	136	2 237	12	132		134	1 836		12	110
Middlesex	128	2 273	51	861		139	2 704		50	855
Nantucket	4	137	4	137		3	(D)		3	98
Norfolk	36	287	19	135		31	254		14	85
Plymouth	68	1 040	23	187		69	999		31	325
Worcester	151	2 026	42	528		148	1 754		37	564
ASPARAGUS										
State Total										
Massachusetts	53	130	12	18		50	90		9	6
Counties										
Barnstable	3	(Z)	2	(D)		(NA)	(NA)		(NA)	(NA)
Bristol	5	2	3	(D)		9	7		-	-
Franklin	13	39	2	(D)		3	(D)		-	-
Hampshire	21	81	1	(D)		16	63		-	-
Worcester	4	1	2	(D)		9	3		4	2
All other counties	7	6	2	(D)		(NA)	(NA)		(NA)	(NA)
GREEN LIMA BEANS										
State Total										
Massachusetts	4	1	1	(D)		(NA)	(NA)		(NA)	(NA)

Table 27. Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987				1982			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
SNAP BEANS								
State Total								
Massachusetts -----	202	394	78	124	258	482	100	154
Counties								
Barnstable -----	9	11	7	10	11	8	9	7
Berkshire -----	3	(D)	-	-	3	(D)	-	-
Bristol -----	26	61	8	9	31	107	7	16
Dukes -----	5	4	2	(D)	4	(D)	1	(D)
Essex -----	36	62	15	22	34	81	16	12
Franklin -----	3	(D)	-	-	7	8	2	(D)
Hampden -----	16	57	6	20	27	64	10	37
Hampshire -----	12	8	-	-	13	6	2	(D)
Middlesex -----	26	44	12	25	43	74	14	35
Norfolk -----	12	22	7	(D)	9	7	4	3
Plymouth -----	22	35	8	17	29	31	16	18
Worcester -----	32	39	13	14	45	53	17	20
BEETS								
State Total								
Massachusetts -----	65	56	34	39	95	100	41	59
Counties								
Barnstable -----	6	3	5	3	5	2	5	2
Bristol -----	8	3	2	(D)	9	20	-	-
Dukes -----	3	1	1	(D)	(NA)	(NA)	(NA)	(NA)
Essex -----	11	22	8	16	15	33	9	27
Hampshire -----	5	2	3	(D)	14	5	1	(D)
Middlesex -----	9	16	6	16	16	24	7	18
Norfolk -----	3	1	1	(D)	3	1	2	(D)
Plymouth -----	5	1	1	(D)	10	9	6	8
Worcester -----	11	4	4	1	17	7	7	2
All other counties -----	4	5	3	2	(NA)	(NA)	(NA)	(NA)
BROCCOLI								
State Total								
Massachusetts -----	73	85	35	44	89	74	41	40
Counties								
Berkshire -----	3	1	2	(D)	6	7	2	(D)
Bristol -----	6	4	2	(D)	4	(D)	-	-
Dukes -----	5	1	4	1	5	2	2	(D)
Franklin -----	6	14	1	(D)	5	7	1	(D)
Hampden -----	7	19	3	(D)	6	14	3	(D)
Hampshire -----	4	(D)	1	(D)	8	3	1	(D)
Middlesex -----	9	14	3	8	19	20	6	9
Norfolk -----	7	5	5	3	5	2	4	2
Plymouth -----	4	(Z)	2	(D)	8	7	7	6
Worcester -----	17	11	7	7	14	7	8	6
All other counties -----	5	(D)	5	12	(NA)	(NA)	(NA)	(NA)
BRUSSELS SPROUTS								
State Total								
Massachusetts -----	3	1	3	1	15	6	10	4
HEAD CABBAGE								
State Total								
Massachusetts -----	143	540	51	239	188	774	62	283
Counties								
Bristol -----	32	175	13	65	29	207	11	75
Essex -----	19	52	11	30	18	43	11	35
Franklin -----	16	72	4	19	23	127	4	13
Hampden -----	15	118	4	(D)	23	145	8	80
Hampshire -----	28	72	4	7	25	108	2	(D)
Middlesex -----	9	15	5	8	25	77	6	27
Plymouth -----	3	(Z)	3	(Z)	8	14	4	(D)
Worcester -----	17	34	6	(D)	27	46	13	37
All other counties -----	4	1	1	(D)	(NA)	(NA)	(NA)	(NA)

Table 27. Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987				1982			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
CANTALOUPS								
State Total								
Massachusetts	58	68	27	40	90	84	27	31
Counties								
Bristol	3	(D)	2	(D)	13	10	2	(D)
Dukes	3	(D)	2	(D)	(NA)	(NA)	(NA)	(D)
Essex	5	5	4	3	3	(D)	2	(D)
Franklin	7	18	2	(D)	9	9	2	(D)
Hampden	7	17	6	(D)	12	30	4	16
Middlesex	4	3	2	(D)	10	9	2	(D)
Norfolk	3	1	1	(D)	4	1	—	—
Plymouth	7	5	2	(D)	7	5	2	(D)
Worcester	13	9	5	4	19	14	8	2
All other counties	6	2	1	(D)	(NA)	(NA)	(NA)	(NA)
CARROTS								
State Total								
Massachusetts	73	250	42	224	94	235	40	172
Counties								
Barnstable	5	3	5	3	(NA)	(NA)	(NA)	(NA)
Berkshire	5	2	3	1	4	1	1	(D)
Bristol	5	(D)	3	(D)	6	2	—	(NA)
Dukes	3	1	(D)	(D)	(NA)	(NA)	(NA)	5
Essex	10	3	6	2	11	5	2	(D)
Franklin	3	66	2	(D)	4	(D)	2	(D)
Hampden	3	(D)	1	(D)	8	(D)	2	(D)
Hampshire	5	18	3	(D)	8	(D)	3	(D)
Middlesex	11	16	7	16	13	12	3	(D)
Plymouth	7	1	4	1	11	7	6	6
Worcester	12	5	3	1	22	31	12	(D)
All other counties	4	5	4	5	(NA)	(NA)	(NA)	(NA)
CAULIFLOWER								
State Total								
Massachusetts	54	57	15	14	90	163	31	93
Counties								
Berkshire	3	1	2	(D)	6	3	—	(D)
Essex	3	(D)	2	(D)	3	1	2	20
Franklin	10	17	1	(D)	15	26	5	46
Hampden	6	20	—	(D)	10	86	5	(D)
Hampshire	6	3	1	(D)	15	13	1	12
Middlesex	10	11	4	6	14	18	4	(D)
Norfolk	3	1	1	(D)	4	1	2	4
Worcester	9	5	2	(D)	13	6	7	(D)
All other counties	4	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)
COLLARDS								
State Total								
Massachusetts	6	36	4	29	15	29	5	12
CUCUMBERS AND PICKLES								
State Total								
Massachusetts	249	631	78	84	296	626	79	101
Counties								
Barnstable	8	6	5	4	4	(D)	3	(D)
Berkshire	8	10	—	—	4	1	—	—
Bristol	28	35	5	6	46	53	12	14
Dukes	3	1	1	(D)	3	(D)	—	—
Essex	27	24	11	6	32	24	12	13
Franklin	29	148	2	(D)	29	209	3	(D)
Hampden	19	40	6	16	18	24	7	13
Hampshire	47	287	6	(D)	47	238	3	(D)
Middlesex	20	22	11	8	37	18	8	5
Norfolk	10	6	7	3	8	4	5	3
Plymouth	14	17	9	9	21	15	11	9
Worcester	36	36	15	12	46	36	14	14

Table 27. Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987				1982			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
EGGPLANT								
State Total								
Massachusetts	51	69	19	35	74	77	33	41
Counties								
Barnstable	3	1	1	(D)	(NA)	(NA)	(NA)	(NA)
Bristol	13	16	3	7	22	35	8	16
Essex	10	27	6	22	13	14	9	12
Hampden	3	6	1	(D)	(NA)	(NA)	(NA)	(NA)
Hampshire	5	5	1	(D)	4	3	2	(D)
Middlesex	7	8	4	3	15	14	4	(D)
Plymouth	3	2	—	—	3	(D)	3	(D)
Worcester	4	1	2	(D)	11	3	3	1
All other counties	3	3	1	(D)	(NA)	(NA)	(NA)	(NA)
ENDIVE								
State Total								
Massachusetts	4	8	2	(D)	11	15	9	15
ESCAROLE								
State Total								
Massachusetts	4	9	4	9	12	31	7	26
KALE								
State Total								
Massachusetts	13	52	5	(D)	16	32	10	23
Counties								
Bristol	3	10	1	(D)	4	(D)	—	(D)
All other counties	10	42	4	28	(NA)	(NA)	(NA)	(NA)
LETTUCE AND ROMAINE								
State Total								
Massachusetts	91	323	55	236	122	317	64	253
Counties								
Barnstable	5	2	3	2	3	(D)	2	(D)
Berkshire	4	(D)	1	(D)	4	2	1	(D)
Bristol	13	55	3	(D)	30	69	6	32
Dukes	5	7	4	6	7	8	6	6
Essex	17	119	13	112	8	44	7	43
Hampden	3	50	1	(D)	8	84	5	80
Hampshire	6	13	2	(D)	8	10	2	(D)
Middlesex	11	23	6	22	18	53	11	46
Norfolk	5	2	4	2	(NA)	(NA)	(NA)	(NA)
Plymouth	6	4	6	3	7	8	7	8
Worcester	11	8	7	6	20	11	8	7
All other counties	5	(D)	5	35	(NA)	(NA)	(NA)	(NA)
DRY ONIONS								
State Total								
Massachusetts	33	53	11	11	43	118	5	16
Counties								
Bristol	3	(Z)	1	(D)	(NA)	(NA)	(NA)	(NA)
Dukes	3	1	1	(D)	(NA)	(NA)	(NA)	(NA)
Franklin	3	13	—	—	10	44	—	—
Hampshire	10	31	2	(D)	15	56	1	(D)
Worcester	4	1	1	(D)	8	1	1	(D)
All other counties	10	7	6	4	(NA)	(NA)	(NA)	(NA)
GREEN ONIONS								
State Total								
Massachusetts	16	10	7	4	22	53	8	4
Counties								
Barnstable	3	1	1	(D)	(NA)	(NA)	(NA)	(NA)
All other counties	13	9	6	(D)	(NA)	(NA)	(NA)	(NA)

Table 27. Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987				1982			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
PARSLEY								
State Total								
Massachusetts	14	9	6	3	13	10	9	4
Counties								
Essex	5	5	3	(D)	5	6	4	3
All other counties	9	4	3	(D)	(NA)	(NA)	(NA)	(NA)
GREEN PEAS, EXCLUDING GREEN COWPEAS								
State Total								
Massachusetts	91	124	35	51	106	134	27	47
Counties								
Barnstable	7	10	4	8	4	5	1	(D)
Berkshire	4	4	-	-	(NA)	(NA)	(NA)	(NA)
Bristol	8	6	1	(D)	11	19	1	(D)
Dukes	4	1	1	(D)	3	(D)	1	(D)
Essex	9	16	5	6	12	22	3	7
Franklin	3	(D)	1	(D)	6	(D)	2	(D)
Hampden	8	14	2	(D)	6	2	1	(D)
Middlesex	10	11	5	9	13	16	3	2
Norfolk	6	5	3	3	(NA)	(NA)	(NA)	(NA)
Plymouth	12	15	5	9	17	19	3	(D)
Worcester	17	18	7	6	23	16	8	4
All other counties	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
HOT PEPPERS								
State Total								
Massachusetts	36	64	19	22	38	75	10	11
Counties								
Bristol	10	35	2	(D)	20	60	2	(D)
Essex	5	1	3	(Z)	(NA)	(NA)	(NA)	(NA)
Hampshire	3	4	1	(D)	5	7	1	(D)
Middlesex	6	3	4	(D)	(NA)	(NA)	(NA)	(NA)
Plymouth	4	(D)	4	2	(NA)	(NA)	(NA)	(NA)
Worcester	4	5	4	5	5	1	2	(D)
All other counties	4	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
SWEET PEPPERS								
State Total								
Massachusetts	251	611	108	275	233	493	84	219
Counties								
Barnstable	7	(D)	4	1	4	1	2	(D)
Bristol	62	201	23	105	50	189	15	69
Essex	25	41	16	34	16	33	10	22
Franklin	18	78	2	(D)	13	17	4	4
Hampden	19	55	8	36	27	92	13	58
Hampshire	31	129	3	(D)	23	49	2	(D)
Middlesex	25	38	18	36	36	42	11	18
Norfolk	10	5	6	3	6	5	5	4
Plymouth	12	20	7	9	22	24	8	11
Worcester	35	39	17	20	33	38	13	31
All other counties	7	(D)	4	2	(NA)	(NA)	(NA)	(NA)
PUMPKINS								
State Total								
Massachusetts	319	1,096	61	205	257	622	45	91
Counties								
Berkshire	13	61	-	-	5	34	-	-
Bristol	46	156	11	37	39	105	4	5
Essex	32	121	8	22	29	63	5	7
Franklin	30	95	3	15	15	47	1	(D)
Hampden	25	96	3	19	18	40	-	-
Hampshire	29	91	1	(D)	20	40	2	(D)
Middlesex	62	221	12	38	52	153	7	18
Norfolk	9	35	5	10	10	29	7	16
Plymouth	16	31	2	(D)	15	29	5	6
Worcester	49	163	11	37	45	69	10	27
All other counties	8	27	5	23	(NA)	(NA)	(NA)	(NA)

Table 27. Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982—Con.

(For meaning of abbreviations and symbols, see introductory text)

Geographic area	1987				1982			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
RADISHES								
State Total								
Massachusetts -----	20	49	10	19	39	37	20	25
Counties								
Hampden -----	5	35	1	(D)	5	14	2	(D)
Hampshire -----	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Worcester -----	3	1	2	(D)	13	5	6	3
All other counties -----	9	(D)	6	12	(NA)	(NA)	(NA)	(NA)
SPINACH								
State Total								
Massachusetts -----	18	77	6	25	44	128	30	64
Counties								
Essex -----	3	(D)	2	(D)	9	47	8	17
Hampshire -----	4	(D)	-	-	3	(D)	-	-
Middlesex -----	3	(D)	2	(D)	10	39	8	36
Plymouth -----	4	1	-	-	(NA)	(NA)	(NA)	(NA)
All other counties -----	4	1	2	(D)	(NA)	(NA)	(NA)	(NA)
SQUASH								
State Total								
Massachusetts -----	440	1 995	124	500	445	2 132	99	395
Counties								
Barnstable -----	8	6	8	6	8	13	4	3
Berkshire -----	9	15	2	(D)	7	(D)	1	(D)
Bristol -----	83	624	27	293	85	730	20	182
Essex -----	37	188	16	33	38	74	13	18
Franklin -----	42	176	5	(D)	30	117	1	(D)
Hampden -----	30	137	4	(D)	32	103	10	47
Hampshire -----	61	341	6	8	62	424	1	(D)
Middlesex -----	59	243	19	34	67	369	13	34
Norfolk -----	12	29	6	17	11	13	5	5
Plymouth -----	34	136	10	46	35	119	12	53
Worcester -----	57	87	17	14	63	151	17	46
All other counties -----	8	14	4	13	(NA)	(NA)	(NA)	(NA)
SWEET CORN								
State Total								
Massachusetts -----	596	8 444	163	2 042	628	7 289	151	1 874
Counties								
Barnstable -----	10	157	9	156	11	86	7	48
Berkshire -----	40	339	3	(D)	35	285	3	(D)
Bristol -----	67	1 037	18	213	81	858	16	260
Dukes -----	5	(D)	3	(D)	5	36	4	28
Essex -----	52	958	21	270	53	886	11	132
Franklin -----	38	464	6	176	44	264	6	(D)
Hampden -----	45	725	9	83	47	707	12	211
Hampshire -----	73	944	6	59	71	602	6	(D)
Middlesex -----	80	1 453	35	543	99	1 566	33	459
Nantucket -----	3	(D)	3	48	3	55	3	(D)
Norfolk -----	21	130	7	66	19	165	5	35
Plymouth -----	48	721	14	68	46	621	18	144
Worcester -----	114	1 426	29	303	114	1 159	27	297
TOMATOES								
State Total								
Massachusetts -----	404	570	151	228	410	479	139	223
Counties								
Barnstable -----	15	13	10	8	9	5	6	(D)
Berkshire -----	11	11	4	3	7	5	1	(D)
Bristol -----	58	63	11	10	71	70	15	17
Dukes -----	4	(D)	3	4	7	19	5	10
Essex -----	48	60	24	33	46	64	21	38
Franklin -----	22	34	3	(D)	17	31	7	21
Hampden -----	34	68	7	23	40	78	16	34
Hampshire -----	39	72	4	2	34	25	5	5
Middlesex -----	53	67	26	38	64	66	22	28
Nantucket -----	3	(D)	3	(D)	3	6	3	6
Norfolk -----	19	34	12	19	14	21	7	13
Plymouth -----	31	32	13	15	33	30	12	17
Worcester -----	67	104	31	57	65	59	19	31

Table 27. Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982—Con.

(For meaning of abbreviations and symbols, see introductory text)

Geographic area	1987				1982			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
TURNIPS								
State Total								
Massachusetts -----	21	57	4	(D)	24	47	3	(D)
Counties								
Bristol -----	12	37	1	(D)	14	38	1	(D)
All other counties -----	9	20	3	1	(NA)	(NA)	(NA)	(NA)
MIXED VEGETABLES								
State Total								
Massachusetts -----	49	273	16	69	75	310	24	81
Counties								
Bristol -----	4	7	-	-	5	14	4	13
Essex -----	7	60	4	16	10	33	3	4
Franklin -----	7	37	2	(D)	9	55	3	26
Hampden -----	5	29	2	(D)	3	(D)	1	(D)
Hampshire -----	8	79	1	(D)	7	94	1	(D)
Middlesex -----	3	(D)	2	(D)	11	25	5	10
Worcester -----	9	24	4	14	15	27	2	(D)
All other counties -----	6	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
WATERMELONS								
State Total								
Massachusetts -----	13	8	7	4	23	41	7	8
Counties								
Middlesex -----	3	1	2	(D)	(NA)	(NA)	(NA)	(NA)
All other counties -----	10	7	5	(D)	(NA)	(NA)	(NA)	(NA)
OTHER VEGETABLES								
State Total								
Massachusetts -----	49	138	13	86	27	142	9	75
Counties								
Bristol -----	6	11	1	(D)	3	(D)	-	-
Dukes -----	3	2	1	(D)	(NA)	(NA)	(NA)	(NA)
Essex -----	5	4	1	(D)	(NA)	(NA)	(NA)	(NA)
Franklin -----	6	12	3	5	3	(NA)	1	(D)
Hampden -----	4	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Hampshire -----	9	18	-	-	(NA)	(NA)	(NA)	(NA)
Middlesex -----	4	2	2	(D)	9	17	2	(D)
Norfolk -----	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Worcester -----	3	3	-	-	4	4	-	-
All other counties -----	6	47	3	38	(NA)	(NA)	(NA)	(NA)

Table 28. Fruits and Nuts: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total			Trees or vines not of bearing age		Trees or vines of bearing age		Harvested	
	Farms	Acres	Trees or vines	Farms	Number	Farms	Number	Farms	Pounds
LAND IN ORCHARDS									
State Total									
Massachusetts ---- 1987--	572	9 379	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1982--	489	9 332	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Counties, 1987									
Barnstable -----	9	38	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Berkshire -----	27	250	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Bristol -----	53	422	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Dukes -----	7	80	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Essex -----	29	484	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Franklin -----	61	1 157	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Hampden -----	68	923	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Hampshire -----	44	943	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Middlesex -----	74	1 327	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Norfolk -----	20	158	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Plymouth -----	30	138	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Worcester -----	147	3 443	(X)	(X)	(X)	(X)	(X)	(X)	(X)
All other counties -----	3	17	(X)	(X)	(X)	(X)	(X)	(X)	(X)
APPLES									
State Total									
Massachusetts ---- 1987--	526	8 415	618 208	346	141 414	485	476 794	402	76 050 295
1982--	452	8 457	585 533	326	159 560	388	425 973	312	92 049 245
Counties, 1987									
Barnstable -----	9	27	3 619	9	(D)	5	(D)	4	(D)
Berkshire -----	27	237	8 962	16	908	26	8 054	17	1 733 712
Bristol -----	44	234	15 657	25	3 632	43	12 025	37	991 108
Essex -----	26	443	38 484	23	13 125	25	25 359	24	2 612 336
Franklin -----	59	1 069	80 839	45	16 407	53	64 432	42	13 813 813
Hampden -----	63	824	66 330	48	14 268	57	52 062	43	7 472 283
Hampshire -----	38	823	61 292	22	8 418	36	52 874	26	7 990 775
Middlesex -----	74	1 254	86 606	45	29 282	68	57 324	64	8 801 648
Norfolk -----	20	144	11 723	8	3 466	18	8 257	14	1 246 319
Plymouth -----	26	120	6 094	21	2 149	24	3 945	20	924 680
Worcester -----	136	3 236	238 544	81	46 714	128	191 630	110	30 378 853
All other counties -----	4	5	58	2	(D)	2	(D)	1	(D)
APRICOTS									
State Total									
Massachusetts ---- 1987--	12	2	162	12	(D)	2	(D)	1	(D)
1982--	13	2	70	11	(D)	2	(D)	-	-
CHERRIES, TOTAL (SEE TEXT)									
State Total									
Massachusetts ---- 1987--	48	28	1 540	32	726	32	814	13	2 218
1982--	64	21	1 094	54	503	34	591	18	
Counties, 1987									
Berkshire -----	4	1	(D)	2	(D)	3	(D)	-	-
Essex -----	3	(D)	(D)	2	(D)	2	(D)	-	-
Franklin -----	6	5	301	3	(D)	5	(D)	2	(D)
Hampden -----	10	10	477	9	236	4	241	2	(D)
Middlesex -----	8	1	27	8	21	4	6	2	(D)
Plymouth -----	3	(D)	(D)	-	-	3	(D)	-	-
Worcester -----	9	5	389	6	192	6	197	5	(D)
All other counties -----	5	1	37	2	(D)	5	28	2	(D)
GRAPES (SEE TEXT) (FRESH WEIGHT)									
State Total									
Massachusetts ---- 1987--	87	251	143 490	51	54 712	82	88 778	59	559 427
1982--	112	177	94 444	80	42 574	94	51 870	59	173 248

Table 28. Fruits and Nuts: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total			Trees or vines not of bearing age		Trees or vines of bearing age		Harvested	
	Farms	Acres	Trees or vines	Farms	Number	Farms	Number	Farms	Pounds
GRAPES (SEE TEXT) (FRESH WEIGHT)—Con.									
Counties, 1987									
Barnstable -----	4	2	638	2	(D)	2	(D)	2	(D)
Bristol -----	15	118	84 392	8	(D)	14	(D)	13	260 220
Dukes -----	5	72	23 636	-	-	5	23 636	4	(D)
Essex -----	5	1	195	4	25	4	170	4	487
Franklin -----	8	8	4 044	7	192	8	3 852	3	(D)
Hampden -----	6	3	1 603	6	190	6	1 413	2	(D)
Hampshire -----	5	3	1 435	2	(D)	5	(D)	4	5 360
Middlesex -----	7	1	213	5	29	7	184	6	76
Plymouth -----	9	12	(D)	2	(D)	9	4 666	7	(D)
Worcester -----	18	17	7 490	11	2 872	17	4 618	11	3 987
All other counties -----	5	15	14 081	4	2 022	5	12 059	3	32 010
NECTARINES									
State Total									
Massachusetts ----- 1987--	10	9	339	7	75	7	264	6	
1982--	10	3	182	7	47	5	135	4	(D)
PEACHES									
State Total									
Massachusetts ----- 1987--	186	484	42 358	140	9 019	163	33 339	130	1 796 785
1982--	204	447	35 880	141	11 672	159	24 208	122	1 444 290
Counties, 1987									
Barnstable -----	4	(D)	1 300	4	1 000	4	300	2	(D)
Bristol -----	22	55	4 537	14	846	20	3 691	19	241 793
Essex -----	15	23	2 595	13	591	15	2 004	12	68 544
Franklin -----	18	60	4 767	14	1 255	16	3 512	12	162 940
Hampden -----	29	67	6 050	26	1 877	22	4 173	17	253 765
Hampshire -----	15	70	4 357	12	1 262	14	3 095	10	109 900
Middlesex -----	21	40	4 570	14	946	17	3 624	14	72 902
Norfolk -----	8	10	908	6	168	5	740	2	(D)
Plymouth -----	6	3	162	1	(D)	5	(D)	4	4 530
Worcester -----	44	145	13 026	34	1 049	42	11 977	37	858 531
All other counties -----	4	(D)	86	2	(D)	3	(D)	1	(D)
PEARS									
State Total									
Massachusetts ----- 1987--	79	149	11 015	38	1 467	64	9 548	40	498 495
1982--	96	185	11 428	53	1 568	72	9 860	53	1 436 924
Counties, 1987									
Berkshire -----	7	8	393	5	(D)	6	(D)	2	(D)
Bristol -----	8	12	725	4	(D)	5	(D)	5	63 360
Essex -----	12	14	1 783	4	(D)	12	(D)	6	(D)
Franklin -----	4	(D)	(D)	2	(D)	3	(D)	3	(D)
Hampden -----	12	9	680	9	(D)	5	(D)	3	32 750
Hampshire -----	6	40	2 821	3	(D)	6	(D)	4	122 800
Middlesex -----	11	32	2 270	2	(D)	11	(D)	5	86 040
Worcester -----	14	31	2 116	6	214	13	1 902	12	129 605
All other counties -----	5	(D)	(D)	3	19	3	51	-	
PLUMS AND PRUNES (SEE TEXT) (FRESH WEIGHT)									
State Total									
Massachusetts ----- 1987--	36	26	1 565	19	387	27	1 178	13	22 884
1982--	46	26	1 248	31	255	35	993	21	31 913
Counties, 1987									
Berkshire -----	5	2	(D)	2	(D)	4	(D)	2	(D)
Franklin -----	5	11	740	2	(D)	5	(D)	1	(D)
Hampden -----	6	5	360	5	(D)	2	(D)	1	(D)
Middlesex -----	8	1	65	5	56	5	9	2	(D)
Norfolk -----	3	1	48	3	6	3	42	-	
Worcester -----	4	5	175	2	(D)	3	(D)	3	4 150
All other counties -----	5	1	(D)	-		5	32	4	354

Table 28. Fruits and Nuts: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total			Trees or vines not of bearing age		Trees or vines of bearing age		Harvested	
	Farms	Acres	Trees or vines	Farms	Number	Farms	Number	Farms	Pounds
OTHER FRUITS AND NUTS (SEE TEXT)									
State Total									
Massachusetts ----- 1987	9	10	652	6	(D)	4	(D)	-	-
1982	-	-	-	-	-	-	-	-	-

Table 29. Berries Harvested for Sale: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
BERRIES										
State Total										
Massachusetts -----	890	13 385	(X)	646	12 499	833	11 449	(X)	526	10 632
Counties										
Barnstable -----	88	946	(X)	79	934	69	876	(X)	64	869
Berkshire -----	18	25	(X)	4	(D)	19	(D)	(X)	3	2
Bristol -----	60	422	(X)	37	391	67	341	(X)	34	298
Dukes -----	6	(D)	(X)	4	(D)	9	10	(X)	1	(D)
Essex -----	51	103	(X)	26	62	43	67	(X)	12	31
Franklin -----	31	265	(X)	7	39	35	244	(X)	7	61
Hampden -----	43	272	(X)	10	39	48	297	(X)	11	73
Hampshire -----	43	137	(X)	11	15	37	65	(X)	5	16
Middlesex -----	32	54	(X)	13	19	48	83	(X)	16	40
Nantucket -----	3	(D)	(X)	3	(D)	3	(D)	(X)	2	(D)
Norfolk -----	18	63	(X)	12	60	15	54	(X)	11	52
Plymouth -----	439	10 649	(X)	415	10 586	349	9 170	(X)	324	9 122
Worcester -----	58	169	(X)	25	67	90	215	(X)	36	65
BLACKBERRIES (POUNDS)										
State Total										
Massachusetts -----	11	7	6 107	1	(D)	13	4	3 465	3	(Z)
TAME BLUEBERRIES (POUNDS)										
State Total										
Massachusetts -----	159	370	477 264	41	91	122	274	404 013	25	80
Counties										
Barnstable -----	10	19	21 650	5	10	4	(D)	(D)	1	(D)
Berkshire -----	6	6	10 060	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Bristol -----	15	19	26 732	2	(D)	14	28	23 620	4	(D)
Essex -----	20	34	52 842	7	18	6	(D)	13 033	1	(D)
Franklin -----	9	31	14 850	1	(D)	16	17	22 476	2	(D)
Hampden -----	24	84	71 620	3	1	17	64	103 494	2	(D)
Hampshire -----	13	48	75 542	2	(D)	10	29	46 675	2	(D)
Middlesex -----	10	14	14 170	1	(D)	7	7	9 735	-	(D)
Plymouth -----	22	57	96 091	10	28	15	63	139 078	5	(D)
Worcester -----	24	46	54 716	6	(D)	27	36	23 367	7	5
All other counties -----	6	14	38 991	4	13	(NA)	(NA)	(NA)	(NA)	(NA)
WILD BLUEBERRIES (POUNDS)										
State Total										
Massachusetts -----	21	449	316 089	4	28	20	360	140 543	2	(D)
Counties										
Franklin -----	4	200	90 070	2	(D)	3	(D)	(D)	1	(D)
Hampden -----	5	122	87 150	-	-	6	(D)	55 000	-	(D)
Hampshire -----	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Worcester -----	5	45	14 073	1	(D)	6	56	17 444	1	(D)
All other counties -----	4	(D)	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)

Table 29. Berries Harvested for Sale: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
CRANBERRIES (CWT)										
State Total										
Massachusetts -----	498	12 091	1 433 505	498	12 091	394	10 222	1 194 692	394	10 222
Counties										
Barnstable -----	69	904	87 121	69	904	54	843	72 684	54	843
Bristol -----	29	366	34 261	29	(D)	23	246	35 405	23	246
Plymouth -----	395	10 516	1 284 883	395	10 516	311	9 069	1 084 689	311	9 069
All other counties -----	5	304	27 240	5	304	(NA)	(NA)	(NA)	(NA)	(NA)
RASPBERRIES (POUNDS)										
State Total										
Massachusetts -----	133	94	148 588	54	50	114	83	121 054	41	35
Counties										
Barnstable -----	4	2	(D)	1	(D)	6	(D)	1 655	3	(D)
Berkshire -----	3	1	1 132	—	—	3	4 200	(D)	(D)	(D)
Bristol -----	9	4	8 244	2	(D)	9	3	4 117	1	(D)
Dukes -----	4	(D)	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Essex -----	22	(D)	27 972	13	12	15	13	15 786	4	8
Franklin -----	13	(D)	33 774	2	(D)	9	14	23 814	2	(D)
Hampden -----	8	(D)	7 825	3	(D)	8	(D)	13 186	3	(D)
Hampshire -----	9	7	4 180	1	(D)	4	2	992	1	(D)
Middlesex -----	15	(D)	10 740	8	(D)	13	18	30 953	7	(D)
Norfolk -----	5	(D)	3 633	3	1	4	2	3 500	4	(D)
Plymouth -----	14	7	8 745	6	(D)	11	4	6 425	3	(D)
Worcester -----	27	(D)	31 735	13	14	25	12	14 531	11	(D)
STRAWBERRIES (POUNDS)										
State Total										
Massachusetts -----	213	372	1 506 102	100	239	295	507	2 083 206	103	270
Counties										
Barnstable -----	7	21	49 435	4	(D)	11	23	74 970	10	23
Berkshire -----	14	18	82 390	4	(D)	15	12	21 815	3	(D)
Bristol -----	23	33	154 717	7	21	34	64	233 948	9	30
Essex -----	32	51	173 249	19	33	37	43	170 131	18	(D)
Franklin -----	10	22	67 883	3	(D)	17	43	241 120	5	28
Hampden -----	18	59	269 825	7	36	30	94	348 735	9	55
Hampshire -----	27	30	102 353	10	11	26	(D)	84 282	3	7
Middlesex -----	18	29	115 060	9	12	34	33	(D)	11	10
Norfolk -----	11	14	40 510	6	13	9	14	47 224	5	11
Plymouth -----	22	38	193 070	10	30	20	34	223 665	9	30
Worcester -----	28	52	226 110	18	40	57	110	520 723	29	54
All other counties -----	3	5	31 500	3	5	(NA)	(NA)	(NA)	(NA)	(NA)

Table 30. Nursery and Greenhouse Crops, Mushrooms, and Sod Grown for Sale: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987				1982			
	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales (\$1,000)	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales (\$1,000)
NURSERY AND GREENHOUSE CROPS (SEE TEXT)								
State Total								
Massachusetts -----	824	10 066 833	3 208	80 867	716	8 261 749	2 605	46 465
Counties								
Barnstable -----	42	206 463	73	1 962	27	108 542	35	655
Berkshire -----	32	286 409	(D)	2 328	25	211 851	30	1 007
Bristol -----	66	1 204 181	239	12 135	87	763 213	255	6 065
Dukes -----	12	29 434	7	179	7	38 136	3	78
Essex -----	85	1 114 624	389	8 268	72	655 547	351	4 517
Franklin -----	54	284 578	525	3 427	42	114 411	249	1 334
Hampden -----	72	862 151	266	5 660	56	589 582	264	(D)
Hampshire -----	60	783 354	160	5 621	42	675 809	67	2 397
Middlesex -----	120	2 489 743	668	22 597	125	2 701 075	789	18 007
Nantucket -----	6	74 100	(D)	332	4	(D)	(D)	(D)
Norfolk -----	54	1 152 642	105	7 649	63	1 143 750	211	5 030
Plymouth -----	75	543 093	224	3 448	67	409 143	192	1 979
Suffolk -----	3	51 000	(D)	329	4	(D)	(D)	(D)
Worcester -----	123	985 061	303	6 932	95	781 290	148	2 845
NURSERY, FLORICULTURE, VEGETABLE AND FLOWER SEED CROPS, SOD, ETC., GROWN IN THE OPEN, IRRIGATED (SEE TEXT)								
State Total								
Massachusetts -----	192	(X)	1 098	(X)	142	(X)	762	(X)
Counties								
Barnstable -----	18	(X)	28	(X)	8	(X)	15	(X)
Berkshire -----	6	(X)	15	(X)	(NA)	(X)	(NA)	(X)
Bristol -----	23	(X)	146	(X)	22	(X)	146	(X)
Dukes -----	5	(X)	3	(X)	(NA)	(X)	(NA)	(X)
Essex -----	24	(X)	88	(X)	18	(X)	66	(X)
Franklin -----	13	(X)	352	(X)	6	(X)	(D)	(X)
Hampden -----	13	(X)	22	(X)	14	(X)	33	(X)
Hampshire -----	9	(X)	64	(X)	4	(X)	2	(X)
Middlesex -----	31	(X)	188	(X)	24	(X)	94	(X)
Nantucket -----	4	(X)	5	(X)	(NA)	(X)	(NA)	(X)
Norfolk -----	10	(X)	19	(X)	17	(X)	170	(X)
Plymouth -----	16	(X)	90	(X)	13	(X)	102	(X)
Worcester -----	20	(X)	80	(X)	11	(X)	12	(X)
BEDDING PLANTS								
State Total								
Massachusetts -----	445	4 015 097	207	19 451	397	2 886 604	138	10 965
Counties								
Barnstable -----	25	149 135	6	879	14	69 080	4	464
Berkshire -----	16	113 130	(D)	567	14	96 250	(D)	260
Bristol -----	32	348 640	4	1 231	40	368 923	(D)	975
Dukes -----	7	17 774	(D)	(D)	4	8 152	-	20
Essex -----	50	553 432	17	3 068	45	384 397	10	1 510
Franklin -----	32	170 805	(D)	1 632	23	66 461	(D)	911
Hampden -----	37	259 800	9	1 477	35	348 959	13	858
Hampshire -----	26	103 427	(D)	302	25	70 439	(D)	158
Middlesex -----	62	958 552	30	4 855	56	591 363	8	3 007
Norfolk -----	36	477 158	15	2 096	33	345 268	7	1 317
Plymouth -----	35	253 591	10	874	40	178 886	2	572
Worcester -----	80	522 607	12	2 045	64	329 326	(D)	827
All other counties -----	7	87 046	1	(D)	(NA)	(NA)	(NA)	(NA)
BULBS								
State Total								
Massachusetts -----	10	22 800	(D)	136	49	223 713	11	454

Table 30. **Nursery and Greenhouse Crops, Mushrooms, and Sod Grown for Sale: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987				1982			
	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales (\$1,000)	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales (\$1,000)
CUT FLOWERS AND CUT FLORIST GREENS								
State Total								
Massachusetts -----	128	1 436 611	129	10 290	123	1 594 606	75	6 995
Counties								
Barnstable -----	6	(D)	5	(D)	4	(D)	(D)	(D)
Berkshire -----	8	57 105	(D)	591	6	53 140	(D)	(D)
Bristol -----	9	29 100	34	316	12	48 500	15	236
Essex -----	12	30 666	19	111	10	18 100	(D)	113
Franklin -----	9	(D)	7	65	4	(D)	3	(D)
Hampden -----	10	66 050	7	447	6	38 500	(D)	148
Hampshire -----	10	(D)	9	(D)	8	(D)	(D)	(D)
Middlesex -----	26	526 972	20	4 035	33	589 713	10	3 473
Norfolk -----	5	(D)	(D)	103	11	141 596	5	310
Plymouth -----	11	31 096	8	121	11	47 793	(D)	124
Worcester -----	15	16 496	8	72	12	21 580	8	50
All other counties -----	7	60	8	49	(NA)	(NA)	(NA)	(NA)
FOLIAGE AND POTTED FLOWERING PLANTS, TOTAL								
State Total								
Massachusetts -----	267	3 672 082	125	24 786	239	3 060 730	169	15 083
Counties								
Barnstable -----	13	21 916	(D)	253	8	9 930	(D)	56
Berkshire -----	11	60 220	(D)	381	8	57 961	(D)	233
Bristol -----	29	462 385	(D)	5 039	16	215 500	24	2 560
Dukes -----	3	1 950	-	(D)	(NA)	(NA)	(NA)	(NA)
Essex -----	39	487 162	(D)	3 656	26	208 704	24	1 483
Franklin -----	7	(D)	(D)	(D)	13	26 200	7	101
Hampden -----	18	347 424	(D)	2 736	11	111 630	3	377
Hampshire -----	13	45 039	(D)	153	7	17 080	3	93
Middlesex -----	54	947 567	43	4 847	60	1 335 327	62	5 656
Norfolk -----	21	633 856	(D)	3 679	22	607 820	9	2 606
Plymouth -----	24	229 846	(D)	1 565	28	164 264	29	620
Worcester -----	32	365 329	(D)	1 925	34	282 314	3	1 202
All other counties -----	3	(D)	1	240	(NA)	(NA)	(NA)	(NA)
FOLIAGE PLANTS								
State Total								
Massachusetts -----	66	536 480	26	3 727	(NA)	(NA)	(NA)	(NA)
Counties								
Berkshire -----	4	6 250	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Bristol -----	8	70 500	(D)	635	(NA)	(NA)	(NA)	(NA)
Essex -----	4	34 500	(D)	55	(NA)	(NA)	(NA)	(NA)
Hampden -----	5	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Middlesex -----	15	95 910	(D)	1 224	(NA)	(NA)	(NA)	(NA)
Norfolk -----	7	153 900	-	772	(NA)	(NA)	(NA)	(NA)
Plymouth -----	8	33 603	(D)	137	(NA)	(NA)	(NA)	(NA)
Worcester -----	9	(D)	(D)	100	(NA)	(NA)	(NA)	(NA)
All other counties -----	6	8 633	1	158	(NA)	(NA)	(NA)	(NA)
POTTED FLOWERING PLANTS								
State Total								
Massachusetts -----	240	3 135 602	99	21 059	(NA)	(NA)	(NA)	(NA)
Counties								
Barnstable -----	11	13 383	3	(D)	(NA)	(NA)	(NA)	(NA)
Berkshire -----	8	53 970	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Bristol -----	25	391 885	13	4 404	(NA)	(NA)	(NA)	(NA)
Dukes -----	3	1 950	-	(D)	(NA)	(NA)	(NA)	(NA)
Essex -----	38	452 662	23	3 600	(NA)	(NA)	(NA)	(NA)
Franklin -----	7	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Hampden -----	15	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Hampshire -----	12	45 039	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Middlesex -----	44	851 657	(D)	3 623	(NA)	(NA)	(NA)	(NA)
Norfolk -----	20	479 956	(D)	2 907	(NA)	(NA)	(NA)	(NA)
Plymouth -----	24	196 243	8	1 428	(NA)	(NA)	(NA)	(NA)
Worcester -----	30	(D)	(D)	1 826	(NA)	(NA)	(NA)	(NA)
All other counties -----	3	29 125	1	240	(NA)	(NA)	(NA)	(NA)

Table 30. **Nursery and Greenhouse Crops, Mushrooms, and Sod Grown for Sale: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987				1982			
	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales (\$1,000)	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales (\$1,000)
NURSERY CROPS								
State Total								
Massachusetts -----	244	518 082	2 502	24 317	173	160 366	2 180	12 349
Counties								
Barnstable -----	15	(D)	58	802	10	(D)	26	103
Berkshire -----	10	(D)	(D)	204	6	-	18	38
Bristol -----	30	247 976	180	5 121	27	(D)	200	2 151
Essex -----	19	29 832	329	1 415	11	(D)	307	1 304
Franklin -----	19	2 100	216	971	9	(D)	144	277
Hampden -----	23	109 377	240	891	17	(D)	244	783
Hampshire -----	21	(D)	147	762	11	(D)	60	169
Middlesex -----	28	(D)	770	8 789	23	(D)	709	5 608
Norfolk -----	14	(D)	76	(D)	19	(D)	190	650
Plymouth -----	27	(D)	167	673	19	(D)	143	597
Worcester -----	33	58 316	278	2 840	16	(D)	134	595
All other counties -----	5	9 529	(D)	(D)	(NA)	(NA)	(NA)	(NA)
VEGETABLE AND FLOWER SEEDS								
State Total								
Massachusetts -----	23	51 686	3	84	16	42 700	(D)	150
Counties								
Bristol -----	5	(D)	-	42	(NA)	(NA)	(NA)	(NA)
Hampden -----	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Hampshire -----	3	(D)	-	(D)	(NA)	(NA)	(NA)	(NA)
Middlesex -----	4	(D)	(D)	10	(NA)	(NA)	(NA)	(NA)
All other counties -----	8	11 450	1	16	(NA)	(NA)	(NA)	(NA)
GREENHOUSE VEGETABLES								
State Total								
Massachusetts -----	39	324 054	(X)	588	35	288 210	(X)	383
Counties								
Bristol -----	5	82 780	(X)	(D)	4	48 910	(X)	84
Hampden -----	4	(D)	(X)	(D)	3	(D)	(X)	(D)
Hampshire -----	4	31 744	(X)	28	(NA)	(NA)	(X)	(NA)
Middlesex -----	8	34 600	(X)	53	6	65 000	(X)	133
Norfolk -----	3	(D)	(X)	(D)	3	(D)	(X)	(D)
Worcester -----	6	20 312	(X)	(D)	10	100 520	(X)	90
All other counties -----	9	77 226	(X)	82	(NA)	(NA)	(X)	(NA)
OTHER NURSERY AND GREENHOUSE CROPS								
State Total								
Massachusetts -----	11	(D)	(D)	51	6	(D)	(D)	23

Table 31. Other Crops: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987						1982					
	Harvested			Irrigated			Harvested			Irrigated		
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres		
HERBS (POUNDS)												
State Total												
Massachusetts -----	12	33	20 360	6	(D)	7	12	13 300	3	8		
OTHER												
State Total												
Massachusetts -----	23	105	(X)	2	(D)	15	39	(X)	-	-		
Counties												
Essex -----	4	(D)	(X)	1	(D)	(NA)	(NA)	(X)	(NA)	(NA)		
Hampshire -----	10	29	(X)	-	-	11	34	(X)	-	-		
All other counties -----	9	(D)	(X)	1	(D)	(NA)	(NA)	(X)	(NA)	(NA)		

Table 32. Farms Operated by Black and Other Races by Value of Sales and Occupation: 1987 and 1982

[For classification of social and ethnic groups, see text. For meaning of abbreviations and symbols, see introductory text]

Geographic area	Land in farms		Harvested cropland		Market value of agricultural products sold (\$1,000)	Farms by value of sales						
						Occupation farming			Occupation other than farming			
	Farms	Acres	Farms	Acres		Less than \$2,500	\$2,500 to \$9,999	\$10,000 or more	Less than \$2,500	\$2,500 to \$9,999	\$10,000 or more	
STATE TOTAL												
Massachusetts ----- 1987--	26	1 822	22	485	1 078	2	2	9	5	3	5	
1982--	25	(D)	22	303	275	3	2	7	4	6	3	
COUNTIES, 1987												
Bristol -----	4	617	4	174	603	-	-	1	-	1	2	
Plymouth -----	9	212	8	66	139	1	1	4	1	-	2	
Worcester -----	7	484	4	55	31	-	-	2	3	2	-	
All other counties -----	6	509	6	190	304	1	1	2	1	-	1	

Table 33. Farms Operated by Black and Other Races by Tenure: 1987 and 1982

[For classification of social and ethnic groups, see text. For meaning of abbreviations and symbols, see introductory text]

Geographic area	Full owners			Part owners			Tenants		
	Number	Land in farms	Harvested cropland	Number	Land in farms	Harvested cropland	Number	Land in farms	Harvested cropland
STATE TOTAL									
Massachusetts ----- 1987--	19	1 059	142	4	258	180	3	505	163
1982--	23	(D)	(D)	2	(D)	(D)	-	-	-
COUNTIES, 1987									
Plymouth -----	6	136	29	2	(D)	(D)	1	(D)	(D)
Worcester -----	7	484	55	-	-	-	-	-	-
All other counties -----	6	439	58	2	(D)	146	2	(D)	(D)

Table 34. Operators by Selected Racial Groups: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	All farms		Farms with sales of \$10,000 or more ¹		
	Farms	Lend in farms	Farms		Land in farms
BLACK					
State Total					
Massachusetts	1987--	11	533	6	(D)
	1982--	17	836	5	333
Counties, 1987					
Plymouth		7	(D)	4	(D)
All other counties		4	(D)	2	(D)
AMERICAN INDIAN					
State Total					
Massachusetts	1987--	1	(D)	1	(D)
	1982--	6	(D)	4	(D)
ASIAN OR PACIFIC ISLANDER					
State Total					
Massachusetts	1987--	6	(D)	3	(D)
	1982--	2	(D)	1	(D)
Counties, 1987					
Worcester		3	(D)	-	
All other counties		3	113	3	113
OTHER RACES (SEE TEXT)					
State Total					
Massachusetts	1987--	8	990	4	712
	1982--	-	-	-	-
Counties, 1987					
Bristol		3	(D)	2	(D)
All other counties		5	(D)	2	(D)

¹Data for 1982 exclude abnormal farms.

Table 35. Operators of Spanish Origin: 1987 and 1982

[For classification of Spanish origin, see text. For meaning of abbreviations and symbols, see introductory text]

Geographic area	All farms		Farms with sales of \$10,000 or more ¹		
	Farms	Lend in farms	Farms		Land in farms
STATE TOTAL					
Massachusetts	1987--	24	2 019	9	
	1982--	13	1 428	8	1 215
					900
COUNTIES, 1987					
Bristol		3	278	1	(D)
Essex		3	(D)	3	(D)
Hampshire		6	304	2	(D)
Plymouth		5	807	3	(D)
Worcester		3	161	-	-
All other counties		4	(D)	-	-

¹Data for 1982 exclude abnormal farms.

Table 36. Farms With Grazing Permits: 1987

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Land in farms		Farms by land in farms							Source of permits			
	Farms	Acres	Less than 100 acres	100 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more	Forest service	Taylor grazing	Indian land	Other	
Massachusetts ----	7	928	3	2	2	-	-	-	-	-	-	-	7
Berkshire -----	3	(D)	2	-	1	-	-	-	-	-	-	-	3
All other counties -----	4	(D)	1	2	1	-	-	-	-	-	-	-	4

APPENDIX A.

General Explanation

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DATA COLLECTION

Method of Enumeration

All agriculture censuses beginning with the 1969 census primarily have used mailout/mailback data collection. Direct enumeration methods, however, continue to be used for the agriculture census in Puerto Rico, Guam, the U.S. Virgin Islands, American Samoa, and the Commonwealth of the Northern Mariana Islands.

Mail List

The mail list for the 1987 census was comprised of individuals, businesses, and organizations that could be readily identified as being associated with agriculture. The list was assembled from the records of the 1982 census, administrative records of the Internal Revenue Service (IRS), and the statistical records of the U.S. Department of Agriculture (USDA). In addition, lists of large or specialized operations, such as nurseries and greenhouses, specialty crop farms, poultry farms, fish farms, livestock farms, and cattle feedlot operations, were obtained from State and Federal agencies, trade associations, and similar organizations. Lists of companies having one or more establishments (or locations) producing agricultural products were obtained from the 1982 census and updated using the information from the Standard Statistical Establishment List maintained by the Census Bureau. Exhaustive record linkage, unduplication, and mathematical modeling yielded a final mail list of 4.1 million names and addresses that had a substantial probability of being a farm operation.

Report Forms

In 1987, three different report forms were used—a two-page, a four-page, and a six-page form to minimize the reporting burden, particularly for small farms and places less likely to be farms. The six-page sample form and the four-page nonsample form are the same, except sections 23 through 28 have been added to the sample form to obtain supplemental information from a sample of farms.

The information collected in these sections will give the Bureau of the Census a good basis for making estimates of these data for other farms included in the census. The two-page form does not have as many questions or as much detail as the four-page and six-page forms. The four-page form has 11 regional versions and the six-page form has 13 regional versions. Both forms have different crops prelisted. Appendix D contains copies of both the two-page and six-page forms.

The six-page form was mailed to 1,104,000 addressees on the mail list, including all those expected to be large (based on expected sales or acreage) or unique (farms operated by multiestablishment companies or nonprofit organizations), all those in Alaska and Hawaii, and a sample of other addressees. The two-page form was mailed to 906,000 addressees. These were expected to be small farms or less likely to be farms. The four-page form was mailed to the remaining 2,079,000 addressees. Further discussion of the criteria used to determine which form was mailed to an addressee is provided in the Census Sample Design section of appendix C.

Initial Mailing

The report forms were mailed in mid-December 1987 to the approximately 4,089,000 individuals, businesses, and organizations on the mail list. The mail packages included a report form, a cover letter with a description of the purposes and uses of the census on the reverse side, an information sheet containing instructions for completing the form, and a postage-paid return envelope. Additional special instructions were included with report forms sent to grazing associations; feedlot operations; institutional organizations; Indian reservations; firms with multiple farm or ranch operations; and producers of poultry under contract, bees and honey, fish, laboratory animals, and nursery and greenhouse crops.

To provide additional help to farmers in completing their reports, copies of an Agriculture Census Guide booklet were sent to vocational agriculture instructors, USDA county offices of the Agriculture Stabilization and Conservation Service, and the Cooperative Extension Service. The Guide contained descriptions and definitions of various items in more detail than the instructions included with each report form. Representatives of the above agencies graciously consented to assist farmers in completing their report forms.

Followup Procedures

A thank you/reminder card was mailed to those on the mail list in mid-January 1988. Five followup letters, three of which were accompanied by a report form, were sent to nonrespondents at 4-week intervals starting in mid-February and continuing until early June 1988.

Telephone calls were made to all large farms who had not responded. In addition, telephone calls were made to a sample of other nonrespondents in counties that had a response rate of less than 75 percent. A nonresponse adjustment procedure was used to represent the final nonrespondent farms in the census results. A description of this procedure is included in the Census Estimation section of appendix C.

DATA PROCESSING

Selected report forms were reviewed prior to keying the data. These included reports with attached correspondence and reports with remarks or no positive data on the front page.

The data from each report form were subjected to a detailed item-by-item computer edit. The edit performed comprehensive checks for consistency and reasonableness, corrected erroneous or inconsistent data, supplied missing data based on similar farms within the same county, and assigned farm classification codes necessary for tabulating the data. Substantial computer-generated changes to the data were clerically reviewed and verified.

In the computer edit, farms with sales, acreage, or commodities exceeding specified levels were tested for historical comparability. Key items, such as acreage and sales, were compared for substantial changes between 1982 and 1987. Sizeable historical differences were resolved or verified by telephone, if necessary. Respondents who reported sales or acreage above specified levels on non-sample forms were sent correspondence requesting the additional sample data. Prior to publication, tabulated totals were reviewed by statisticians to identify inconsistencies and potential coverage problems. Comparisons were made with previous census data, estimates published by the USDA, and other available data.

MAJOR DATA CHANGES

Prior to each agriculture census, the Census Bureau reviews the content of the census forms to eliminate questions no longer needed and to identify new items necessary to meet user needs and to better describe the agricultural situation in our Nation. Data requests are solicited from farmers, farm organizations, land grant colleges and universities, State and federal agencies, and members of the Census Advisory Committee on Agricultural Statistics. Each agency and organization is asked to identify and justify its specific data needs. The following data inquiries were added to the 1987 report form:

Income from farm-related sources

Acres under the Conservation Reserve Program

Payments received for participation in federal farm programs

Grazing permits by source

Additional data on production expenses were added in 1987:

Repair and maintenance expenses

Cash rent

Property taxes paid

All other production expenses

The following separate data inquiries were eliminated from the 1987 form:

Storage capacity for petroleum products

Number of hired farm and ranch workers

Value of agricultural products sold directly to individuals for human consumption

Source of irrigation water

Tons of commercially mixed feed

Expenditures for coal, wood, and coke

Selected machinery items: automobiles, corn heads for combines, and field forage harvesters

Chinchillas

Worms

Tropical and baitfish

FOLLOW-ON SURVEYS, SPECIAL CENSUSES, AND RELATED PUBLICATIONS

In addition to the 1987 Census of Agriculture for the 50 States, Puerto Rico, Guam, the U.S. Virgin Islands, American Samoa, and the Commonwealth of the Northern Mariana Islands, the census of agriculture program includes the 1988 Farm and Ranch Irrigation Survey, the 1988 Agricultural Economics and Land Ownership Survey, and the 1988 Census of Horticultural Specialties.

The 1988 Farm and Ranch Irrigation Survey provides data on water use by irrigated farms and ranches. Data include: the amount of water applied by crop, method of water distribution, source of water, and energy costs for pumping water. Data from this survey will be published as volume 3, part 1.

The 1988 Agricultural Economics and Land Ownership Survey provides detailed data on debts, expenses, taxes, credits, assets, land ownership, and farm and off-farm income for farm operators. Many of these items, as well as detailed data on landlord characteristics, are being collected from the landlords of the farms involved in the survey. Data from this survey will be published as volume 3, part 2.

The 1988 Census of Horticultural Specialties covers operations growing and selling \$2,000 or more of horticultural products such as greenhouse products, outdoor-grown floricultural products, nursery products, mushrooms, and sod. These data will be published as volume 4.

Additional publications of the 1987 Census of Agriculture data include the Agricultural Atlas of the United States (previously called the Graphic Summary), Coverage Evaluation, Ranking of States and Counties, and Government Payments and Market Value of Agricultural Products Sold.

The Agricultural Atlas of the United States presents the Nation's agriculture graphically illustrated by dot and multicolor pattern maps. The maps provide displays on size and type of farm, land use, farm tenure, market value of products sold, crops harvested, livestock inventories, and other characteristics of farms. This report will be published as volume 2, part 1.

The Coverage Evaluation report provides estimates of the completeness of the 1987 Census of Agriculture for the United States, geographic regions, and selected States and groups of States. Estimates with their associated sample reliability are provided for farms not on the mail list, farms classified as nonfarms, duplicate farms, and non-farms classified as farms. This report will be published as volume 2, part 2.

The Ranking of States and Counties report ranks the leading States and counties for selected items in the 1987 census and provides comparative data from the 1982 census. This report will be published as volume 2, part 3.

A new publication on Government Payments and Market Value of Agricultural Products Sold presents 1987 data for the United States and each State. The U.S. table has a format similar to volume 1, U.S. table 52 and presents summary data by size of farm. This report will be published as volume 2, part 5.

DEFINITIONS AND EXPLANATIONS

The following definitions and explanations provide a more detailed description of the terms used in this publication than are available in the tables or on the report form. For an exact wording of the questions on the 1987 census report forms and the information sheet which accompanied these forms, see appendix D. Most definitions of terms are the same as those used in earlier censuses. The more important exceptions are also noted here.

Farms or farms reporting—The term "farms" or "farms reporting" in the presentation of data denotes the number of farms reporting the item. For example, if there are 3,710 farms in a State and 842 of them had 28,594 cattle and calves, the data for those farms reporting cattle and calves would appear as:

Cattle and calves--	- - - - -	farms--	842
		number--	28,594

Land in farms—The acreage designated in the tables as "land in farms" consists primarily of agricultural land used for crops, pasture, or grazing. It also includes woodland and wasteland not actually under cultivation or used for pasture or grazing, provided it was part of the farm operator's total operations. Large acreages of woodland or wasteland held for nonagricultural purposes were deleted from individual reports during the processing operations. Land in farms includes acres set aside under annual commodity acreage programs as well as acres in the Conservation Reserve Program for places meeting the farm definition.

Land in farms is an operating unit concept and includes land owned and operated as well as land rented from others. Land used rent free was to be reported as land rented from others. All grazing land, except land used under government permits on a per-head basis, was included as "land in farms" provided it was part of a farm or ranch. Land under the exclusive use of a grazing association was to be reported by the grazing association and included as land in farms. All land in Indian reservations used for growing crops or grazing livestock was to be included as land in farms. Land in reservations not reported by individual Indians or non-Indians was to be reported in the name of the cooperative group that used the land. In some instances, an entire Indian reservation was reported as one farm.

Land area—The approximate land area of counties and States represents the total land area as determined by records and calculations as of January 1, 1988. These data are updated periodically; however, the acreages shown for 1987 are essentially the same as for 1982. Any differences between the land area for 1987 and 1982 are due to annexations and other changes affecting county boundaries.

Land in two or more counties—With few exceptions, the land in each farm was tabulated as being in the operator's principal county. The principal county was defined as the one where the largest value of agricultural products was raised or produced. It was usually the county containing all or the largest proportion of the land in the farm or viewed by the respondent as his/her principal county. For a limited number of Midwest and Western States, this procedure has resulted in the allocation of more land in farms to a county than the total land area of the county. To minimize this distortion, separate reports were required for large farms identified from the 1982 census as having more than one farm unit. Other reports received showing land in more than one county were separated into two or more reports if the data would substantially affect the county totals.

Value of land and buildings—Respondents were asked to report their estimate of the current market value of land and buildings owned, rented or leased from others, and rented or leased to others. Market value refers to the value the land and buildings would sell for under current market conditions. If the value of land and buildings was not reported, it was estimated using the average value of land and buildings from a similar farm in the same geographic area.

Harvested cropland—This category includes land from which crops were harvested or hay was cut, and land in orchards, citrus groves, vineyards, nurseries, and greenhouses. Land from which two or more crops were harvested was counted only once, even though there was more than one use of the land.

Cropland used only for pasture or grazing—This category includes land used only for pasture or grazing that could have been used for crops without additional improvement. Included also was all cropland used for rotation pasture and land in government diversion programs that were pastured. However, cropland that was pastured before or after crops were harvested was to be included as harvested cropland rather than cropland for pasture or grazing.

Other cropland—This category includes cropland not harvested and not grazed which was used for cover crops, soil improvement crops, land on which all crops failed, cultivated summer fallow, idle cropland, and land planted in crops that were to be harvested after the census year.

Total woodland—This category includes natural or planted woodlots or timber tracts, cutover and deforested land with young growth which has or will have value for wood products, land planted for Christmas tree production, and woodland pastured. Land covered by sagebrush or mesquite was to be reported as other pastureland and rangeland or other land.

Woodland pastured—This category includes all woodland used for pasture or grazing during the census year. Woodland or forest land pastured under a per-head grazing permit was not counted as land in farms and therefore, was not included in woodland pastured.

Cropland in annual commodity acreage adjustment programs—This category includes land diverted or set aside under the provisions of the Federal Commodity Acreage Program. These data are for the acres of cropland taken out of production by growers of wheat, cotton, rice, corn, sorghum, barley, and oats, and devoted to conservation uses. Information was not obtained as to which crops would have been grown on the acres set aside.

Cropland in the Conservation Reserve Program (CRP)—This category includes acres of "highly erodible" cropland taken out of agricultural production and planted to protective cover crops or reforested. The CRP was established through the 1985 Food Security Act and provides for annual rental payments and shared costs of conservation practices through a 10-year contract with the USDA. Appendix B presents data on places with all their cropland enrolled in the Conservation Reserve Program and which were not counted as farms in the 1987 census.

Irrigated land—This category includes all land watered by any artificial or controlled means, such as sprinklers, furrows or ditches, and spreader dikes. Included are supplemental, partial, and preplant irrigation. Each acre was to be counted only once regardless of the number of times it was irrigated or harvested.

Operator—The term "operator" designates a person who operates a farm, either doing the work or making day-to-day decisions about such things as planting, harvesting, feeding, and marketing. The operator may be the owner, a member of the owner's household, a hired manager, a tenant, a renter, or a sharecropper. If a person rents land to others or has land worked on shares by others, he/she is considered the operator only of the land which is retained for his/her own operation. For partnerships, only one partner is counted as the operator. If it is not clear which partner is in charge, then the senior or oldest active partner is considered the operator. For census purposes, the number of operators is the same as the number of farms. In some cases, the operator was not the individual named on the address label of the report form, but another family member, a partner, or a hired manager who was actually in charge of the farm operation.

Operator characteristics—All operators were asked to report place of residence, principal occupation, days of off-farm work, year in which his/her operation of the farm began, age, race, sex, and Spanish origin. If race, age, sex, and principal occupation were not reported, they were imputed based on information reported by farms with similar acreage, tenure, and value of sales. No imputations were made for nonresponse to place of residence, Spanish origin, off-farm work, or year began operation. Operators of Spanish origin were tabulated by reported race.

Farm production expenses—In 1987, additional specific expense items and a category for all other farm production expenses were added to the selected farm production expenses collected in 1982. Consequently, we are publishing total farm production expenses in 1987. The expenses are limited to those incurred in the operation of the farm business. Expenses include the share of the expenditures provided by landlords, contractors, and partners in the operation of the farm business. Property taxes paid by landlords are excluded. Expenditures for nonfarm activities; farm-related activities such as providing custom-work for others, the production and harvest of forest products, and recreational services; and household expenses are excluded. In 1987, as in other recent censuses, operators producing crops, livestock, or poultry under contract often were unable or unwilling to estimate the cost of production inputs furnished by the contractors. As a consequence, extensive estimation was required for contract producers.

Commercial fertilizer—The expense for commercial fertilizer is the amount spent on fertilizer during 1987

including the cost of custom application. The cost of custom application was excluded from the 1982 and 1978 data.

Agricultural chemicals—These expenses include the cost of all insecticides, herbicides, fungicides, and other pesticides, including the cost of custom application. Data exclude commercial fertilizer purchased. The cost of custom application was excluded from the 1982 and 1978 data. The cost of lime was excluded from the 1987 and 1982 data, but included in 1978.

Customwork, machine hire, and rental of machinery and equipment—These expenses include costs incurred for having customwork done on the place and for renting machines to perform agricultural operations. The cost of cotton ginning is excluded. The cost of labor involved in the customwork service is included in the customwork expense. The cost of custom application of fertilizer and chemicals was included in the 1982 and 1978 customwork data, but is included in expenditures for these items in 1987. The cost of hired labor for operating rented or hired machinery is included as a hired farm and ranch labor expense.

Interest—In 1987, separate data were collected for interest paid on debts secured by real estate and interest paid on debts not secured by real estate. In 1982, only total interest expenses were collected.

Market value of agricultural products sold—This category represents the gross market value before taxes and production expenses of all agricultural products sold or removed from the place in 1987 regardless of who received the payment. It includes sales by the operator as well as the value of any shares received by partners, landlords, contractors, or others associated with the operation. In addition, it includes receipts from placing commodities in the Commodity Credit Corporation (CCC) loan program in 1987. It does not include payments received for participation in federal farm programs nor does it include income from farm-related sources such as customwork and other agricultural services, or income from nonfarm sources.

The value of crops sold in 1987 does not necessarily represent the sales from crops harvested in 1987. Data may include sales from crops produced in earlier years and exclude some crops produced in 1987, but held in storage and not sold. For commodities, such as sugar beets and wool, sold through a co-op which made payments in several installments, respondents were requested to report the total value received in 1987.

The value of agricultural products sold was requested of all operators. If the operator failed to report this information, estimates were made based on the amount of crops harvested, livestock or poultry inventory or number sold. Extensive estimation was required for operators growing crops or livestock under contract.

Caution should be used when comparing sales in 1987 with sales reported in earlier censuses. Sales figures are expressed in current dollars and have not been adjusted for inflation or deflation.

Government payments—This category is limited to direct cash or generic commodity certificate (PIK) payments received by the farm operator in 1987. It includes deficiency and diversion payments; wool payments; payments from the Dairy Termination Program, the Conservation Reserve Program, other conservation programs, and all other federal farm programs under which payments were made directly to farm operators.

Other farm-related income—The 1987 report form included a new inquiry on income from farm-related sources. These data consist of gross income in 1987 before taxes and expenses from the sales of farm by-products and other sales and services closely related to the principal functions of the farm business. These data are for income producing activities that are primarily a by-product or supplemental to the farm operation. They exclude income from business activities that are separate from the farm business.

Customwork and other agricultural services—This income includes gross receipts received by farm operators for providing services for others such as planting, plowing, spraying, and harvesting. Income from customwork and other agricultural services is generally included in the agriculture census if it is closely related to the farming operation. However, it is excluded if it constitutes a separate business or is conducted from another location.

Rental of farmland—This income includes gross cash rent or share payments received from renting out farmland; payments received from the lease or sale of allotments for crops such as tobacco; and payments received for livestock pastured on a per-head, per-month, or per-pound basis. It excludes rental income from nonfarm property.

Sales of forest products—This income includes gross receipts from the sales of Christmas trees, standing timber, maple products, gum for naval stores, firewood, and other forest products from the farm business. It excludes income from nonfarm timber tracts and sawmill businesses.

Other farm-related income sources—This income includes gross receipts from hunting leases, fishing fees, camping, other recreational services, patronage dividends of cooperatives, sales of farm by-products, and other sales and services closely related to the farm business. It excludes income from nonfarm businesses.

Commodity Credit Corporations loans—This category includes loans for corn, wheat, soybeans, sorghum, barley, oats, cotton, peanuts, rye, rice, tobacco, and honey.

Agricultural chemicals used, including fertilizer and lime—For each type of agricultural chemical, the acres treated were to be reported only once even if the acres were fertilized or limed more than once. If multipurpose chemicals were used, the acres treated for each purpose were to be reported.

Fish and other aquacultural products—The raising of fish and other aquacultural products in captivity is included in the agriculture census. Production in salt water is considered not to be in captivity and is excluded from the census.

Bees and honey—Bee and honey production was enumerated and tabulated in the county in which the home farm was located even though hives are often moved from farm to farm over a wide geographic area.

Citrus enumeration—In the 1987 census, reports for selected citrus caretakers in Arizona, Florida, and Texas were obtained by direct enumeration. A citrus caretaker is an organization or person caring for or managing citrus groves for others. This special enumeration has been used in recent censuses because of the difficulty in identifying and enumerating absentee grove owners who often do not know the information that is needed to adequately complete the census report. Each citrus caretaker was enumerated as a farm operator and requested to complete one report form for all groves cared for and to furnish a list of grove owners' names, addresses, and acres of citrus. The names on the lists were matched to completed grove owners' report forms to eliminate duplication. The caretaker also was requested to inform the grove owner that he had already reported for the citrus under his care and that the grove owner was not to report the citrus again. In the 1987 census, 7 caretakers in Arizona reported 175 grove owners having 12,000 acres of citrus; the 65 caretakers in Florida reported 3,000 grove owners having 170,000 acres of citrus; and 20 caretakers in Texas reported 800 grove owners having 14,500 acres of citrus.

Crop year or season covered—Acres and quantity harvested are for the calendar year 1987 except for citrus fruits, avocados, olives; vegetables in Florida; sugarcane in Florida and Texas; and pineapples and coffee in Hawaii.

Citrus fruits—The data for Florida relate to the quantity harvested in the September 1986 through July 1987 harvest season, except limes that were harvested in the April 1987 through March 1988 harvest season. The data for Texas relate to the quantity harvested in the September 1986 through May 1987 harvest season. The data for States, other than Florida and Texas, relate to the quantity harvested in the 1986-87 harvest season.

Avocados—The data for California relate to the quantity harvested in the November 1986 through November 1987 harvest season and for Florida the April 1987 through March 1988 harvest season.

Olives—The data for California relate to the quantity harvested in the September 1986 through March 1987 harvest season.

Vegetables—The data for Florida relate to the crop harvested in the September 1986 through August 1987 harvest season.

Sugarcane for sugar—The data for Florida relate to the cuttings from November 1986 through April 1987, and for Texas the cuttings from October 1986 through April 1987.

Pineapples—The data for Hawaii relate to the quantity harvested in the year ending May 31, 1987.

Coffee—The data for Hawaii relate to the 1986-87 crop.

Acres and quantity harvested—Crops were reported in whole acres, except for the following crops which were reported in 10ths of acres: Irish potatoes, sweetpotatoes, tobacco, fruit and nut crops including land in orchards, berries, vegetables, and nursery and greenhouse crops; and in Hawaii, taro, ginger root, and lotus root. Totals for crops reported in 10ths of acres were rounded to whole acres at the aggregate level during the tabulation process.

If two or more crops were harvested from the same land during the year, the acres would be counted for each crop. Therefore, the total acres of all crops harvested generally exceeds the acres of cropland harvested. An exception to this procedure is hay crops. When more than one cutting of hay was taken from the same acres, the acres are counted only once but the quantity harvested includes all cuttings. However, hay cut for both dry hay and green chop or silage would be reported for each applicable crop. For inter-planted crops or "skip-row" crops, acres were to be reported according to the portion of the field occupied by each crop.

If a crop was planted but not harvested, the acres were not to be reported as harvested. These acres were to be reported in the "land use" section under the appropriate cropland items—cropland used only for pasture or grazing, cropland used for cover crops, cropland on which all crops failed, or cropland idle.

Corn and sorghum hogged or grazed were to be reported as "cropland harvested" and not as "cropland used only for pasture or grazing." Crop residue left in fields and later hogged or grazed was not reported as cropland pasture.

Quantity harvested was not obtained for crops such as vegetables; nursery and greenhouse crops; corn cut for dry fodder, hogged or grazed; and sorghum, hogged or grazed.

Acres of land in bearing and nonbearing fruit orchards, citrus or other groves, vineyards, and nut trees were to be reported as harvested cropland regardless of whether the crop was harvested or failed. However, abandoned orchards were to be reported as cropland idle, not as harvested cropland and the individual abandoned orchard crop acres were not to be reported.

Land in orchards—This category includes land in bearing and nonbearing fruit trees, citrus or other groves, vineyards, and nut trees of all ages, including land on which all fruit crops failed. Respondents were instructed not to report abandoned plantings and plantings of less than 20 total fruit, citrus, or nut trees, or grapevines.

Crop units of measure—The regional report forms allowed the operator to report the quantity of field crops harvested in a unit of measure commonly used in the region. When the operator reported in a unit of measure different than the unit of measure published, the quantity harvested was converted to the published unit of measure.

Grapes could be reported in dry weight or fresh weight; plums and prunes in fresh weight, or prunes in dry weight; and in Hawaii, coffee in pounds parchment or pounds cherry, and macadamia nuts in pounds husked, unshelled or pounds shelled. For other fruit and nut crops and citrus, the operator was given a choice of units of measure of pounds, tons, or boxes. The quantity harvested for these crops is published in pounds.

Write-in crops—To reduce the length of the report form, only the major crops for the region were prelisted. For other crops, the respondent was requested to look at a list of crops in each section and write in the crop name and its code. For crops that had no individual code listed on the report form, the respondent was to write in the crop name and code the crop into the appropriate "all other" category for that section. Write-in crops coded as "all other" were reviewed and assigned a specific code when possible. Crops not assigned a specific code were left in the appropriate "all other" category.

In some cases, the reviewers were unable to determine the specific crop reported by the respondent because of incomplete or generalized crop names. To ensure proper coding, most of these respondents were telephoned. Reports for those not telephoned were changed on the basis of other reports for the area.

Misreported or miscoded crops—In a few instances, tabulated data may be inaccurate because respondents misunderstood or misinterpreted questions on the report form. Data may have been reported on the wrong line or in the wrong section, or the wrong crop code may have been placed beside the name of a write-in crop. Some of these errors as well as some keying errors may not have been identified during processing and therefore, were not corrected. Reports with significant acres of unusual crops for the area were examined to minimize the possibility that they were in error.

"See text" References

Items in the tables which carry the note "See text" are explained or defined in this section.

Data are based on a sample of farms—For 1987, 1982, and 1978, selected data were collected from only a sample of farms. These data are subject to sampling error. For 1987, the six-page sample form was mailed to all large and specialized farms (based on expected sales, acres, or standard industrial classification), all farms in Alaska and Hawaii, and approximately 17 percent of all other farms. Sample sections 23 through 28 of the 1987 census forms included inquiries on production expenses, commercial fertilizer and lime, chemicals, machinery and equipment, value of land and buildings, and income from farm-related sources. Estimates of the reliability of county totals for selected items are shown in table F of appendix C.

Operators of Spanish origin—No imputation was made for those not responding to the question on Spanish origin.

Farms operated by Black and other races—This category includes Blacks, American Indians, Asian and Pacific Islanders, and all other racial groups other than White.

All other races—This category is primarily limited to persons native to or of ancestry from Mexico, the Caribbean, and Central and South America.

Total sales—This item represents the gross market value of all agricultural products sold before taxes and expenses in the census year including livestock, poultry, and their products; and crops, including nursery crops and hay. Respondents were asked to include landlords' and contractors' shares. The value of commodities placed in CCC loans are included as sold. In 1987, all farms including abnormal farms were tabulated by size based on reported sales. In 1982 and 1978, abnormal farms were included in the total sales figure, but excluded from the detailed size breakdowns. Abnormal farms include institutional farms, experimental and research farms, and Indian reservations.

Farms with sales of less than \$1,000—This category includes all farms with actual sales of less than \$1,000, but having the production potential for sales of \$1,000 or more. These farms normally could be expected to sell \$1,000 or more of agricultural products.

Net cash return from agricultural sales for the farm unit—This category is derived by subtracting total operating expenditures from the gross market value of agricultural products sold. Depreciation and the change in inventory values are excluded from expenditures. Production expenditures may be understated on part owner and tenant farms because property taxes paid by landlords are excluded. Other landlord expenditures, such as insurance or rent paid, which are not readily known to renters may also be omitted or understated. Gross sales include sales by the operator as well as the share of sales received by

partners, landlords, and contractors. Consequently, the net cash return is that of the farm unit rather than the net farm income of the operator.

Other livestock and livestock products—This category includes all livestock and livestock products not listed separately.

Value of livestock and poultry on farms—Data for the value of livestock and poultry on farms were obtained by multiplying the inventory of each major age and sex group by State average prices. The State average prices for cattle, hogs, sheep, Angora goats, hens and pullets of laying age, and turkeys were obtained primarily from data published by the National Agricultural Statistics Service, USDA. Prices applied to other livestock and poultry were census-derived averages based primarily on reported value of sales in the census.

Poultry hatched—This category includes all poultry hatched on the place during the year and placed or sold. Incubator egg capacity on December 31, 1987, is tabulated under the column heading "Inventory" and the number of poultry hatched and placed or sold is under the heading "Sales."

Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc.—Data shown for hay represent all hay crops, including grass silage, haylage, and hay crops cut and fed green (green chop). In production data, dry tons represent dry tonnage for the various hay categories and dry weight equivalents for grass silage and hay cut and fed green. The conversion used was 3 tons of green weight to 1 ton of dry weight.

Tame hay other than alfalfa, small grain, and wild hay—Data shown represent dry tons of hay harvested from clover, lespedeza, timothy, Bermuda grass, Sudan grass, and other types of legume and tame grasses.

Grapes—Farm operators were given the option of reporting the quantity of grapes harvested in dry weight or fresh weight. For publication purposes, all quantities of grapes harvested have been converted to pounds of fresh weight. The conversion used was 4 pounds fresh weight to 1 pound dry weight.

Plums and prunes—Farm operators were given the option of reporting the quantity of plums and prunes harvested in dry weight or fresh weight. For publication purposes, all quantities of plums and prunes harvested have been converted to pounds of fresh weight. The conversion used was 3 pounds fresh weight to 1 pound dry weight.

Cherries—For 1987, cherries were reported as "sweet cherries," "tart cherries," or "cherries" depending on the regional form the respondent completed. On regional

forms for States where cherries are an important fruit crop, "sweet cherries" and "tart cherries" were listed separately. On the other regional forms, either "cherries" were listed or could be written in. For publication purposes, "cherries, total" could be shown along with the individual breakdown of "sweet cherries," "tart cherries," or "cherries, not specified." "Cherries, not specified" is used to account for cherries where the "sweet" and "tart" breakdown was not asked or where respondents wrote in "cherries" but did not specify or code the kind of cherry. All the individual cherry items may not be shown. Data for "sweet cherries," "tart cherries," and "cherries, not specified" are not available for 1982.

Other fruits and nuts—Data shown for other fruits and nuts relate to any fruits and nuts not having a specific code on the 1987 report form.

Land used for vegetables—Data are for the total land used for vegetable crops. The acres are reported only once, even though two or more harvests of a vegetable or more than one vegetable were harvested from the same acres.

Vegetables harvested for sale—The acres of vegetables harvested is the summation of the acres of individual vegetables harvested. All of the individual vegetable items may not be shown.

Nursery and greenhouse crops grown for sale—These data are a summation of the individual items reported. All of the individual items may not be shown.

Nursery, floriculture, vegetable and flower seed crops, sod, etc., grown in the open, irrigated—Data refer to farms reporting irrigated nursery, floriculture, vegetable and flower seeds, sod, bedding plants, etc., grown in the open.

Other grains—These data are for the total market value of other grains sold including dry edible beans, dry lima beans, buckwheat, dry southern peas (cowpeas), emmer and spelt, flaxseed, mixed grains, lentils, mustard seed, dry edible peas, popcorn, proso millet, rice, rye for grain, safflower, sunflower seed, triticale, and wild rice.

Value of crop production—This item represents the estimated value of all crops harvested during the 1987 crop year. Data for the value of crops harvested were obtained by multiplying the average estimated value per unit by the reported acres or quantity harvested. Generally, harvested units of production (pounds, bushels, bales, etc.) were multiplied by State estimates of prices per unit. If only acres harvested were reported, State estimates for value of production per acre were used. The State average production price and production value per acre used in these calculations were obtained usually from publications of the National Agricultural Statistics Service, USDA. When

USDA estimates were not available, Bureau of the Census statisticians made estimates using available sources such as data from adjacent States, respondent report forms, county extension agents, and other persons knowledgeable about specific crops.

F FARMS CLASSIFIED BY SPECIFIED CHARACTERISTICS

State tables 48 through 53 present detailed 1987 data for all farms classified by specified characteristics—tenure of operator, type of organization, age and principal occupation of operator, size of farm (acres), value of agricultural products sold, and standard industrial classification. Other tables include data classified by value of sales groups or other characteristics of the farm or the operator.

Farms by value of agricultural products sold or value of sales—In 1987, all farms were tabulated by size based on reported sales. In 1982 and earlier censuses, abnormal farms were not tabulated based on sales size. In the tables on market value of agricultural products sold, the sales of abnormal farms in 1982 and earlier censuses were included in the total sales figure, but excluded from the detailed size categories. Abnormal farms included institutional farms, experimental and research farms, and Indian reservations. The category "farms with sales of less than \$1,000" included all farms with actual sales of less than \$1,000 but having the production potential for sales of \$1,000 or more. These farms normally could be expected to sell \$1,000 or more of agricultural products.

The sales size categories used in this report are consistent with the standard business size categories issued by Office of Management and Budget (OMB) in 1982. In State table 52, data are presented for four sales size categories between \$10,000 and \$49,999. This provides users with bridge data under both the OMB and the 1978 census classifications. For the 1992 census, data will be presented only for the OMB sales size categories of \$10,000 to \$24,999 and \$25,000 to \$49,999.

Abnormal farms—This category includes institutional farms, experimental and research farms, and Indian reservations. Institutional farms include those operated by hospitals, penitentiaries, churches, schools, grazing associations, and government agencies. In 1987 and 1982, nongovernmental units such as church farms and Future Farmers of America camps were classified as abnormal farms only when 50 percent or more of their products produced and intended for human consumption were utilized by the organization.

Farms by tenure of operator—The classifications of tenure used in the 1987 census were:

Full owners, who operate only land they own.

Part owners, who operate land they own and also land they rent from others.

Tenants, who operate only land they rent from others or work on shares for others.

Farms by type of organization—All farms were classified by type of organization in the 1987 census. The classifications used were:

Individual or family (sole proprietorship), excluding partnership and corporation.

Partnership, including family partnership.

Corporation, including family corporation.

Other, cooperative, estate or trust, institutional, etc.

Corporations were subclassified by two additional characteristics into:

1. Family held
 Other than family held
2. More than 10 stockholders
 10 or less stockholders

Farms by age and principal occupation of operator—Data on age and principal occupation were requested from all operators in 1987. The principal occupation classifications used were:

Farming—The operator spent 50 percent or more of his/her worktime in 1987 in farming or ranching.

Other—The operator spent more than 50 percent of his/her worktime in 1987 in occupations other than farming or ranching.

Farms by size—All farms were classified into selected size groups according to the total land area in the farm. The land area of a farm is an operating unit concept and includes land owned and operated as well as land rented from others. Land rented to or assigned to a tenant was considered the tenant's farm and not the owner's.

Farms by standard industrial classification—In 1987, all agricultural production establishments (farms, ranches, nurseries, greenhouses, etc.) were classified by type of activity using the standard industrial classification (SIC) system. These classifications, found in the 1987 SIC Manual¹, are used to promote uniformity and comparability in the presentation of statistical data collected by various agencies.

¹Standard Industrial Classification Manual: 1987. For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. Stock No. 041-001-003-14-2.

An establishment primarily engaged in crop production (major group 01) or production of livestock and animal specialties (major group 02) is classified in the four-digit industry and three-digit industry group which accounts for 50 percent or more of the total value of sales of its agricultural products. If the total value of sales of agricultural products of an establishment is less than 50 percent from a single four-digit industry, but 50 percent or more from the products of two or more four-digit industries within the same three-digit industry group, the establishment is classified in the miscellaneous industry of that industry group. Otherwise, it is classified as a general crop farm in industry 0191 or a general livestock farm in industry 0291. Establishments that derive 50 percent or more of the value of sales from horticultural specialties of industry group 018 are classified in industry 0181 or 0182 according to their primary activity.

Characteristics of all farms by selected SIC groupings are shown in State tables 18 and 53. The SIC groupings shown in State table 53, together with the associated products (value of sales representing 50 percent or more of the value of agricultural products sold during the year) on which the classification is based, are as follows:

Cash grains (011)—Wheat, rice, corn, soybeans, barley, buckwheat, cowpeas, dry field and seed beans and peas, flaxseed, lentils, milo, mustard seed, oats, popcorn, rye, safflower, sorghum, sunflowers, and other small grains.

Cotton (0131)—Cotton and cottonseed.

Tobacco (0132)—Tobacco.

Sugarcane, sugar beets, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)—Sugarcane, sugar beets, Irish potatoes, alfalfa, broomcorn, clover, grass seed, hay, hops, mint, peanuts, sweetpotatoes, timothy, and yams.

Vegetables and melons (016)—Vegetables and melons grown in the open.

Fruits and tree nuts (017)—Berries, grapes, tree nuts, citrus fruits, deciduous tree fruits, avocados, bananas, coffee, dates, figs, olives, pineapples, and tropical fruit.

Horticultural specialties (018)—Bedding plants, bulbs, florists' greens, flower and vegetable seeds, flowers, foliage, fruit stocks, nursery stock, ornamental plants, shrubberies, sod, mushrooms, and vegetables grown under cover.

General farms, primarily crops (019)—Crops, including horticultural specialties, but less than 50 percent of sales from any single three-digit industry group.

Livestock, except dairy, poultry, and animal specialties (021)—Cattle, calves, hogs, sheep, goats, goat's milk, mohair, and wool.

Beef cattle, except feedlots (0212)—Production or feeding of beef cattle, except feedlots.

Dairy farms (024)—Production of cows' milk and other dairy products and raising of dairy heifer replacements.

Poultry and eggs (025)—Chickens, chicken eggs, turkeys, ducks, geese, pheasants, pigeons, quail, and squab.

Animal specialties (027)—Fur-bearing animals, rabbits, horses, ponies, bees, fish in captivity except fish hatcheries, worms, and laboratory animals.

General farms, primarily livestock and animal specialties (029)—Livestock and animal specialties and their products, but less than 50 percent of sales from any single three-digit industry group.

The SIC manual was revised for 1987. Animal aquaculture (0273) was established as a new industry and horticultural specialties, not elsewhere classified (0189) was deleted.

APPENDIX B.

Places With All Cropland in the Conservation Reserve Program

The Food Security Act of 1985 established the Conservation Reserve Program (CRP). This program provides annual payments for highly erodible cropland enrolled in the program and meeting its conservation requirements. It also requires that the land be taken out of agricultural production for 10 years.

The 1987 Census of Agriculture includes Conservation Reserve acreage as land in farms on operations that meet the census farm definition. For census purposes, a farm is any place from which agricultural products of \$1,000 or more were produced and sold or normally would have been sold during the census year. Operations which placed all of their cropland in the CRP and did not otherwise meet the farm definition based upon sales, livestock inventories, planted crops, or other criteria for potential sales were not included as farms in the census tabulations.

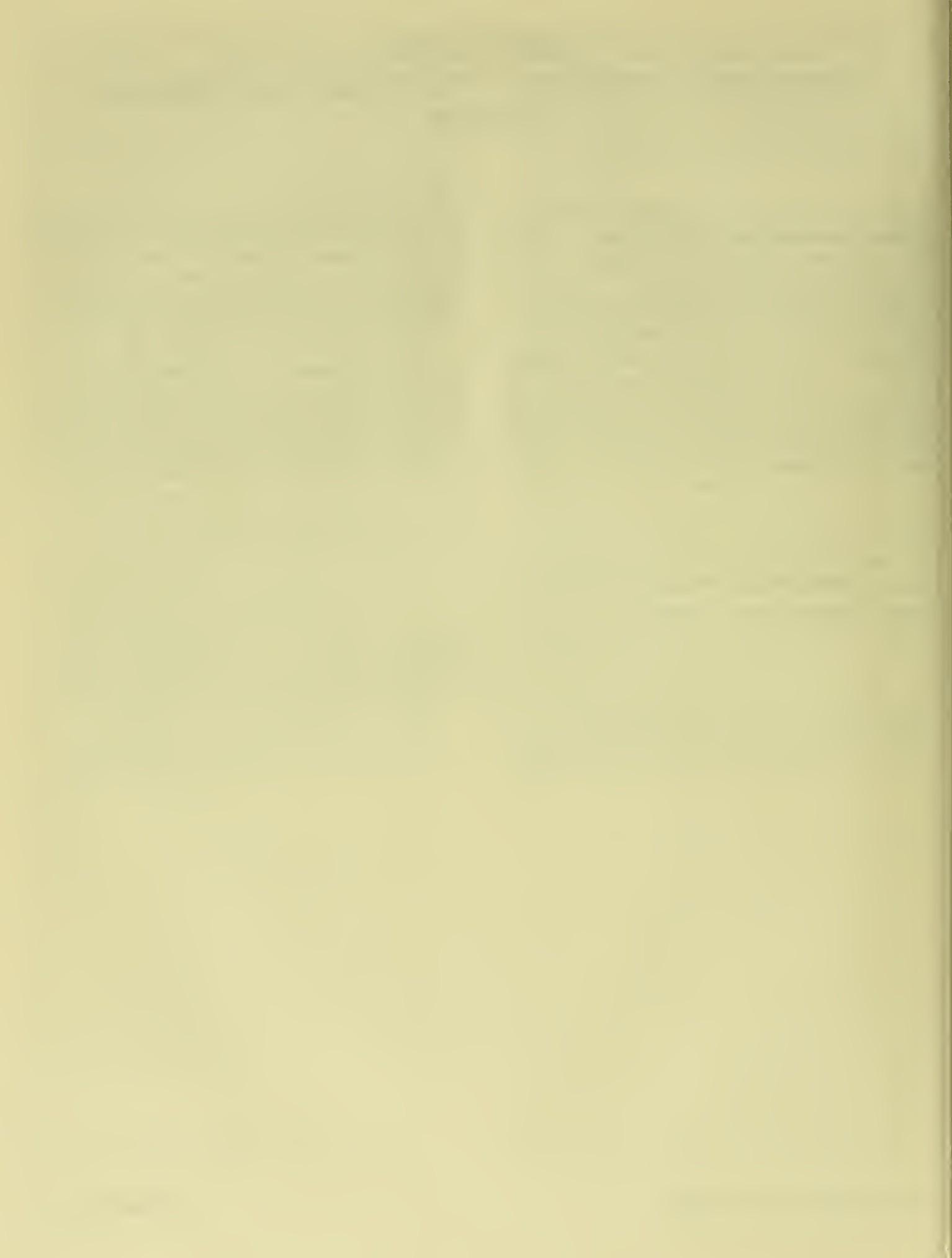
The following table provides CRP data for places not meeting the census farm definition ("whole farm" CRP places). It also contains separate but corresponding CRP data for farms included in the census tabulations. In addition to State data, detailed county data are presented for counties with three or more "whole farm" CRP places reported. For counties with less than three "whole farm" CRP places reported, their data are combined and reported in "all other counties."

The data for "whole farm" CRP places are not complete for all counties. The census mail list was developed from sources which indicated the farm had agricultural production activity. It was not designed to cover all "whole farm" CRP places. Therefore, the data for these places are limited to what was reported in the census and have not been adjusted to account for nonresponse, incomplete coverage, and reporting errors.

Land in Conservation Reserve Program: 1987

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Agricultural places excluded by farm definition with acres in the CRP			Farms with acres in the CRP			
	Number	Land in places (acres)	-	Land in CRP (acres)	Number	Land in farms (acres)	Land in CRP (acres)
Massachusetts	8	572	-	393	19	4 853	677
Middlesex	3	283	-	133	2	420	50
All other counties	5	289	-	260	17	4 433	627



APPENDIX C.

Statistical Methodology

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MAIL LIST MODEL

A statistical discriminant model was developed to predict the probability that a mail list addressee operated a farm. The model was used to identify the 4.1 million records from the preliminary census mail list of 6.0 million records that would receive a census of agriculture report form. Records from the 1982 census mail list were used to build the model. Record characteristics such as the source of the mail list record (see appendix A for a description of record sources), number of source lists on which the record appeared, expected value of agricultural sales, and geographic location were used to separate mail list records into model groups. The proportion of 1982 census farm records in each group was calculated to provide an estimate of the probability that an addressee in the group operated a farm.

Using these same group definitions, the 1987 census mail list records were separated into groups, each with an associated estimate of farm probability from the model. The 4.1 million mail list records in groups with the largest estimate of farm probability were selected to receive the census report form. A large percentage of the 1.9 million records that were dropped from the 6.0 million preliminary census mail list were nonfarm records from the previous census. This procedure was used to obtain a more complete census enumeration without excessive respondent burden and data collection cost.

CENSUS SAMPLE DESIGN

Each of the 4.1 million name and address records on the census mail list was designated to receive one of three different types of census report forms. The three forms were the nonsample census form (a four-page form), the sample form (a six-page form), and the short form (a two-page form). Sections 1 through 22 of the sample form were identical to sections on the nonsample census form. However, the sample form contained additional sections on farm production expenditures, usage of fertilizers and insecticides, value of machinery and equipment, value of land and buildings, and farm-related income. The short form contained abbreviated versions of the sections on the nonsample census form. These three different forms were used to reduce the response burden of the census, while providing quality information on a large number of data items at the county level.

The sample form was mailed to all mail list records in Alaska and Hawaii and to a sample of records in other States identified when the mail list was constructed. Addresses were selected into the sample with certainty if they were expected to have large total values of agricultural products sold or large acreage, if they were firms with two or more farms, or if they had other special characteristics. When a nonsample large farm was identified during processing, a supplemental form that contained the additional data inquiries was mailed. All farms in counties with less than 100 farms in 1982 were included in the sample with certainty; counties containing 100 to 199 farms in 1982 were systematically sampled at a rate of 1 in 2; and counties containing 200 or more farms in 1982 were systematically sampled at a rate of 1 in 6. This differential sample scheme was used to provide reliable data for sections 23 through 28 of the report form for all counties.

To determine which mail list records would receive the short form, all mail list records not designated for the sample were sorted into model groups according to farm probability as specified by the mail list model. The 906,000 mail list records in the model groups with the lowest probability of being farms and with an expected total value of agricultural product sales less than \$20,000 were designated to receive the short form. The remaining mail list records were selected to receive the nonsample census form.

CENSUS ESTIMATION

The 1987 Census of Agriculture used two types of statistical estimation procedures. These estimation

procedures accounted both for nonresponse to the data collection and for the sample data collection. These procedures are used because some farm operators never respond to the census despite numerous attempts to contact them, and not all farm operators are requested to provide the sample data items.

Whole Farm Nonresponse Estimation

A statistical estimation procedure was used to account for the census farms among mail list nonrespondents that were not designated for telephone followup. A stratified systematic sample of eligible census nonrespondents were mailed a simplified report form. Five sample strata were defined based on form type, expected value of sales, and previous census status. The report form was designed to provide sufficient information to determine farm status. Additional mail and telephone contacts were made to survey nonrespondents to obtain sufficient response for survey estimates.

Estimates of the proportion of census nonrespondents that operated farms were made for each stratum in the State using survey results and applied to the total number of census nonrespondents in that stratum. A synthetic estimation procedure was used to estimate the number of census nonrespondents that operated farms for each county by stratum. This estimation procedure is based on the assumption that the distribution of farms in a stratum by county is the same for census nonrespondents as for census respondents.

Within each stratum in a county, a noninteger nonresponse weight was calculated and assigned to each eligible respondent farm record. The procedure used for calculating the nonresponse weight assumed the eligible census respondents and the nonrespondent farm operations in a county had similar characteristics within each stratum. The noninteger nonresponse weight was the ratio of the sum of the estimated number of nonrespondent farms (using nonresponse survey results) and the number of eligible census respondent farms to the number of eligible census respondent farms. Stratum controls were established to ensure that this weight was never greater than 2.0. The noninteger nonresponse weight was used in the estimation of the final weight for the sample items. It was randomly rounded to an integer weight of either 1 or 2 for each record for tabulating the complete count items.

The procedure assumed that we obtain complete response from large and unique farm operations because these cases received intensive telephone followup during census processing. In situations where addressees could not be contacted by telephone or refused to cooperate, secondary sources such as Agricultural Stabilization and Conservation Service offices or county extension agents were asked to provide information as to whether or not the addressee had agricultural activities. Data from previous census reports for the specific addressee, in conjunction with other information, were used to complete the census report form.

Table A quantifies the effect of the nonresponse estimation procedure on selected census data items. The percentage of the census value contributed by nonresponse estimation as provided in this table indicates the potential for bias in published figures resulting from this procedure. The estimates provided in these tables do not reflect the effect of nonresponse to individual data items on respondents' census report forms. The effect of this item nonresponse is discussed further under Census Non-sampling Error.

Table A. Percent of State Totals Contributed by Whole Farm Nonresponse Estimation: 1987

Item	Percent of total
Farms -----	17.4
Land in farms -----	13.2
Value of land and buildings -----	12.8
Market value of agricultural products sold -----	3.6
Harvested cropland -----	11.1
Corn for grain or seed-----	6.8
Wheat for grain-----	12.7
Livestock and poultry inventory:	
Cattle and calves -----	8.5
Hogs and pigs -----	10.7
Hens and pullets of laying age -----	1.2

Sample Estimation

All respondent sample records received a sample weight. The sample data estimates the actual figures that would have resulted from a complete census of the items in sections 23 through 28 of the report form. The estimates were obtained from an iterative ratio estimation procedure that resulted in the assignment of a weight to each record containing sample items. For any given county, a sample item total was estimated by multiplying the data items for each farm in the county by the corresponding sample weight and summing overall sample records in the county.

Each sample farm was assigned one sample weight to be used to produce estimates for all sample items. For example, if the weight given to a sample farm had the value 5, all sample data items reported by that farm would be multiplied by 5. The weight assigned a certainty farm was 1. The estimation procedure used to assign weights was performed for each county.

Within a county, the ratio estimation procedure for farms was performed in three steps using three variables. The first variable contained eight 1987 total value of agricultural production (TVP) groups. Both the second and third variables, Standard Industrial Classification (SIC) code and farm acreage, contained two groups. The variable groups were as follows:

TVP	SIC	Acres
\$1 to \$999	01 All crops	0 to 69
\$1,000 to \$ 2,499	02 All live-stock	70 or more
\$2,500 to \$ 4,999		
\$5,000 to \$ 9,999		
\$10,000 to \$24,999		
\$25,000 to \$49,999		
\$50,000 to \$99,999		
\$100,000 or more		

The first step in the estimation procedure was to partition the sample records into 32 mutually exclusive initial post strata formed by combining the three variable groups. This produced a three dimensional array where the cells of the array corresponded to the initial post strata groups. Each sample farm record was assigned an initial weight equal to the ratio of the total farm count to the sample farm count, expanded for nonresponse estimation, for the cell containing the sample farm. This weight was approximately equal to the inverse of the probability of selecting a farm for the census sample.

The second step in the estimation procedure was to combine, if necessary, the cells of the array (prior to the repeated ratio estimation) to increase the reliability of the ratio estimation procedure. Any cell within the array that either contained less than 10 sample farms or had a ratio of total farms to sample farms that was more than 2 times the mail sample rate was collapsed with another cell (in the same variable) according to a specified collapsing pattern. New total farm counts and sample farm counts were computed for each of the collapsed cells (final post strata) and were used in the ratio estimation procedure to calculate final sample weights.

In the third step in the ratio estimation procedure, complete counts for the three variables (TVP, SIC, acreage) were used to compute the marginals of the array defined by the final post strata. Factors were then applied to expanded sample totals in each cell of the array to obtain agreement with the row marginal (TVP) complete counts. The sample totals then had factors applied to obtain agreement with the column marginal (SIC) complete counts. Lastly, the sample totals had factors applied to obtain agreement with the depth marginal (acreage) complete counts. This procedure that requires the row totals, then the column totals, and then the depth totals to agree with the complete counts for the rows, columns, and depths, respectively, is continued iteratively until the process converges (the marginal totals agree with the complete count totals).

The ratio of the adjusted total farm count to the sample farm count obtained from the second iteration of the estimation procedure was the noninteger final post stratum sample weight assigned to the sample farm records in that post stratum. The noninteger sample weight, the product of the noninteger final post stratum sample weight and the nonresponse weight, was randomly rounded to an integer weight for tabulation. If, for example, the final weight for the

farms in a particular group was 7.2, then one-fifth of the sample farms in this group were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

CENSUS SAMPLING ERROR

Sampling error in the census data results from the nonresponse sample and the census sample data collection. Census items were classified as either complete count or sample data items. The complete count items were asked of all farm operators. The complete count data items included land in farms, harvested cropland, livestock inventory and sales, crop acreages, quantities harvested and crop sales, land use, irrigation, government loans and payments, conservation acreage, type of organization, and operator characteristics (sections 1 through 22 of the census report form). Variability in the complete count data items is considerably smaller than in the sample items as the variation is due only to the nonresponse sample estimation procedure. The sample items were asked of approximately 25 percent of the total census farm operators. The sample data items included farm production expenditures, fertilizer and chemical usage, farm machinery and equipment, value of land and buildings, and farm-related income (sections 23 through 28 of the census report form). Variability in the estimates of sample items is due both to the census sample selection and estimation procedure and the nonresponse sample estimation procedure.

The sample for the 1987 Census of Agriculture is one of a large number of possible samples of the same size that could have been selected using the same sample design. Estimates derived from the different samples would differ from each other. The difference between a sample estimate and the average of all possible sample estimates is called the sampling deviation. The standard error or sampling error of a survey estimate is a measure of the variation among the estimates from all possible samples, and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The percent relative standard error of estimate is defined as the standard error of the estimate divided by the value being estimated multiplied by 100. If all possible samples were selected, each of the samples were surveyed under essentially the same conditions, and an estimate and its standard error were calculated from each sample, then:

1. Approximately 67 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average value of all possible samples.
2. Approximately 90 percent of the intervals from 1.65 standard errors below the estimate to 1.65 standard errors above the estimate would include the average value of all possible samples.

The computations involved to define the above confidence statements are illustrated in the following example. Assume that the estimate of number of farms for the State is 94,382 and the relative standard error of the estimate (percent) is .1 percent (0.001). Multiplying 94,382 by 0.001 yields 94, the standard error. Therefore, a 67-percent confidence interval is 94,288 to 94,476 (i.e., 94,382 plus or minus 94). If corresponding confidence intervals were constructed for all possible samples of the same size and design, approximately 2 out of 3 (67 percent) of these intervals would contain the figure obtained from a complete enumeration. Similarly, a 90 percent confidence interval is 94,227 to 94,538 (i.e., 94,382 plus or minus 1.65 x 94).

Tables B and C provide the reliability estimates of the estimated number of farms in a county reporting complete count and sample items, respectively. Both tables show the percent relative standard errors for selected estimated number of farms in a county reporting an item. These are derived from a regression equation. The parameters of the regression equation were estimated using the estimated number of farms in a county reporting the complete count or sample item as the independent variable and the standard error of that estimate as the dependent variable for all counties in the State.

Table B. Reliability Estimates for Number of Farms in a County Reporting a Complete Count Item: 1987

Farms	Relative standard error of estimate (percent)
Number of farms reporting:	
25	16.5
50	14.6
75	12.4
100	11.1
150	9.4
200	8.4
300	7.2
500	5.9
750	5.0
1,000	4.5
1,500	3.8
2,000	(NA)

Note: Complete count items are items in sections 1 to 22 of the report form.

To illustrate the use of these tables, assume that the estimate of the number of farms reporting hogs and pigs for a particular county, as given in county table 12, is 89. Since hogs and pigs is a complete count data item, refer to table B and select the estimated relative standard error of the estimate from the row whose value is equal to or just less than the estimated number of farms, 89. For this example, the relative standard error of the estimate comes from the row for 75 farms reporting. For sample data items, follow the same procedure using table C. In counties that had less than 100 farms in the 1982 Census of Agriculture, table C does not apply because the farms in these

counties were sampled with certainty (1 in 1), and thus, the reliability estimates for the number of farms in these counties are smaller than for counties that were sampled at lower rates (1 in 2 or 1 in 6).

Table C. Reliability Estimates for Number of Farms in a County Reporting a Sample Item: 1987

Farms	Relative standard error of estimate (percent)
Number of farms reporting:	
25	89.9
50	60.4
75	48.1
100	41.1
150	33.0
200	28.3
300	22.9
500	17.6
750	14.4
1,000	12.5
1,500	10.2
2,000	(NA)

Note: Sample items are items in sections 23 to 28 of the report form.

Table D presents the relative standard error of selected State data items for all farms and for all farms with sales of \$10,000 or more. The percent relative standard error of the estimate for complete count data measures the variation associated with the sample-based adjustment for whole farm nonresponse. The percent relative standard error of the estimate for sample items measures both the sampling error due to the nonresponse sample estimation procedure and the census sample selection and estimation procedure. The reliability of State estimates may vary substantially from State to State. Generally, State estimates for a given data item are less reliable than the corresponding U.S. estimate.

Table E presents the standard error (not relative standard error) for percent change in State totals from 1982 to 1987. The general purpose of the percent change estimate is to provide a relative measure of the difference in a characteristic between censuses. The relative change for a given characteristic is defined as the ratio of the difference of the 1987 and the 1982 estimate for that characteristic to the 1982 estimate. This ratio is multiplied by 100 to obtain the percent change. The percent standard error of a percent change estimate, then, is the standard error of the ratio multiplied by 100.

Table F presents the relative standard error for county totals for 10 major complete count items and 7 sample items. The relative standard error of the estimate (percent) for the same item differs among counties in a State. Reasons for this are differences among counties in (1) the total number of farms, (2) the number of large farms included with certainty, (3) the size classifications of the farms sampled, (4) the amount of nonresponse, (5) the general agricultural characteristics, and (6) the specific characteristic being measured.

CENSUS NONSAMPLING ERROR

The accuracy of the census counts are affected by the joint effects of the sampling errors described in the previous section and nonsampling errors. Extensive efforts were made to compile a complete and accurate mail list for the census, to design an understandable report form and instructions, and to minimize processing errors through the use of quality control, verification, and check measures on specific operations. Nonsampling errors arise from incompleteness of the census mail list, duplication in the mail list, incorrect data reporting, errors in editing of reported data, and errors in imputation for missing data. These specific nonsampling errors are further discussed in this section. Evaluation studies will be conducted to measure the extent of certain nonsampling errors such as coverage error, classification error, and item imputation.

Census Coverage

The main objective of the census of agriculture is to obtain a complete and accurate enumeration of U.S. farms with accurate data on all aspects of the agricultural operation. However, the cost and availability of resources for this enumeration place restrictions on operationally feasible data collection methodologies. The past five agriculture censuses have been conducted by mail enumeration with telephone contact for selected nonrespondents. The completeness of such an enumeration thus depends to a large extent on the coverage of farm operations by the census mail list.

Historically, the census of agriculture has included approximately 90 percent of the farms in the United States and over 96 percent of the agricultural production. Complete enumeration of agricultural operations satisfying the farm definition of \$1,000 or more in agricultural sales is complicated by fluctuations in agricultural operations qualifying for enumeration, the variety of arrangements under which farms are operated, the multiplicity of names used by an operation, the number of operations in which an operator participates, the accuracy of data reporting, etc. A new mail list is compiled for each census because no current single list of agricultural operations is comprehensive.

An evaluation of census coverage has been conducted for each census of agriculture since 1945. The evaluation provides estimates of the completeness of census farm count and major census data items. In addition, the evaluation helps to identify problems in the census enumeration and provide information that can form the basis for improvements. The results of the 1987 Coverage Evaluation program will be published in volume 2, part 2.

The evaluation of coverage conducted in 1987 was designed to measure errors in the census mail list and in farm classification. Mail list error includes a measurement of farms not on the census mail list (undercount), and a measurement of farms enumerated more than once in the

census (overcount). Classification error includes a measurement of farms classified as nonfarms in the census (undercount) and of nonfarms classified as farms in the census (overcount). Classification error arises from reporting and processing errors. Mail list undercount dominates all coverage errors. Net coverage error is defined as the difference of undercounted and overcounted farms. Measurements of these errors, as well as a description of the complete coverage program, will be available in the Coverage Evaluation report.

Mail List Coverage

A major problem with the use of a mail list for the census of agriculture enumeration is the difficulties that are encountered in compiling a complete list. The percentage of farms on the census mail list varies considerably by State. Several reasons have contributed to farm operators' names not being included on the census mail list—the operation may have been started after the mail list was developed, the operation may be so small as not to appear in agricultural related source lists used in compiling the census list, or the operation may have been falsely classified as a nonfarm prior to mailout. A large proportion of the farms not included on the mail list were small in both acres and sales of agricultural products.

The 1987 Census of Agriculture Coverage Evaluation used the area segment sample of the 1987 June Enumerative Survey (JES) of the National Agricultural Statistical Service (NASS) to estimate farms not on the census mail list. The Census Bureau contracted with the NASS to augment the JES data collection and receive survey data under the confidentiality protection afforded by Title 13, U.S. Code, from all residents of area sample segments with agricultural activity. These survey records were matched to the census mail list. Records that did not match were mailed a census of agriculture report form to estimate mail list coverage. Estimates of farms not on the census mail list used the capture-recapture dual frame estimator that will be described in the Coverage Evaluation report.

Table G provides coverage evaluation estimates of the number of farms not on the mail list and selected characteristics of those farms with their percent relative standard error. The table also provides an estimate of characteristics of farms not on the mail list as a percentage of total farms in the New England States. The estimate of total farms in the New England States is based on census farm count and the estimated number of farms not on the census mail list. This estimate of total farms in the New England States was not adjusted for classification and list duplication errors. Estimates of these errors will be made at the regional level and will be available in the Coverage Evaluation report. The table provides the standard error (not relative standard error) of this percent estimate.

Respondent and Enumerator Error

Incorrect or incomplete responses to the mailed census report form or to the questions posed by a telephone

enumerator introduce error into the census data. Such incorrect information can lead, in some cases, to incorrect enumeration of farms. This type of reporting error is measured by the Classification Error Study discussed later in this section. To reduce all types of reporting error, questions were phrased as clearly as possible based on tests of the census report form, and detailed instructions for completing the report form were provided to each addressee. In addition, each respondent's answers were checked for completeness and consistency.

Item Nonresponse

Nonresponse to particular questions on the census report that we would logically or statistically expect to be present may create a type of nonsampling error in both complete count and sample data. When information reported for another farm with similar characteristics is used to edit or impute for item nonresponse, the data may be biased because the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. Any attempt to correct the data for nonresponse may not completely reflect this difference either at the element level (individual farm operation) or on the average.

Processing Error

The many steps of processing of each census report form are sources for the introduction of nonsampling error. The processing of the census report forms includes clerical screening for farm activity, computerized check-in of report forms and followup of nonrespondents, keying and transmittal of completed report forms, computerized editing of inconsistent and missing data, review and correction of individual records referred from the computer edit, review and correction of tabulated data, and electronic data processing. These operations undergo a number of quality control checks to ensure as accurate an application as possible, yet some errors are not detected and corrected.

Classification Error

An evaluation study of classification errors was conducted in the 1987 Census of Agriculture as part of the census coverage evaluation program. A sample of mail list respondents was selected, and these addresses reenumerated to determine whether they were a farm or nonfarm. A farm status determination was made based on the evaluation questionnaire and compared with the status based on the data reported on the census form. Differences in status were reconciled.

In past censuses, the proportion of farms undercounted due to classification errors was higher for farms with small values of sales. The classification error rate was higher for (1) livestock farms than crop farms, (2) farms with a small

number of acres than larger farms, or (3) tenant farms than full or part-owner farms. Results from the 1987 classification error study will be published in the Coverage Evaluation report.

EDITING DATA AND IMPUTATION FOR ITEM NONRESPONSE

For the 1987 Census of Agriculture, as in previous censuses, all reported data were keyed and then edited by computer. The edits were used to determine whether the reports met the minimum criteria to be counted as farms in the census. Computer edits also performed a series of complex, logical checks of consistency and completeness of item responses. They provided the basis for deciding to accept, impute (supply), delete, or alter the reported value for each data record item.

Whenever possible, edit imputations, deletions, and changes were based on component or related data on the respondent's report form. For some items, such as operator characteristics, data from the previous census were used when available. Values for other missing or unacceptable reported data items were calculated based on reported quantities and known price parameters.

When these and similar methods were not available and values had to be supplied, the imputation process used information reported for another farm operation in a geographically adjacent area with characteristics similar to those of the farm operation with incomplete data. For example, a farm operation that reported acres of corn harvested, but did not report quantity of corn harvested, was assigned the same bushels of corn per acre harvested as that of the last nearby farm with similar characteristics that reported acceptable yields during that particular execution of the computer edit. The imputation for missing items in each section of the report form was conducted separately; thus, assigned values for one operation could come from more than one respondent.

Prior to the imputation operation, a set of default values and relationships were assigned to the possible imputation variables. The relationships and values varied depending on the item being imputed. For example, different default values were assigned for several standard industrial classification and total value of sales categories when imputing hired farm labor expenses. These values and item relationships for the possible imputation variables were stored in the computer in a series of matrices. The computer records were sorted by reported State and county, where the county sequence was based on similar types of farms and agricultural practices.

Each execution of the computer edit consisted of records from only one State. For a given execution of the edit, the stored entries in the various matrices were retained in the computer only until a succeeding record having acceptable characteristics for some sections of the report form was processed by the computer. Then the acceptable responses

of the succeeding operation replaced those previously stored. When a record processed through the edit had unreported or unacceptable data, the record was assigned the last acceptable ratio or response from an operation with a similar set of characteristics. Once each execution of the computer edit for a State was completed, the possible imputation variables were reset to the default values and relationships for subsequent executions.

After the initial computer edit, keyed reports not meeting the census farm definition were reviewed to ensure that

the data were keyed correctly. Edit referrals were generated for about 30 percent of the reports included as farms, and they were also reviewed for keying accuracy and to ensure that the computer edit actions were correct. If the results of the computer edit were not acceptable, corrections were made and the record was reedited. More extensive discussions of the edit and item imputation methodology with measures of the extent of imputation in the census estimates will be provided in a separate research report.

Tables D through G follow.

Table D. Reliability Estimates of State Totals: 1987

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms		Farms with sales of \$10,000 or more		
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	
Farms	6 216	.2	2 499	.3	
Land in farms	615 185	.6	381 898	6	
Average size of farm	99	1.3	153	.8	
Value of land and buildings ¹	\$1,000--				
Average per farm	dollars--	2 154 033	2.7	1 274 992	2.9
Average per acre	dollars--	346 530	1.8	512 045	2.2
3 553		2.5	3 391	1.1	
Estimated market value of all machinery and equipment ¹	\$1,000--	198 868	2.4	141 037	3.0
Average per farm	dollars--	32 039	2.2	56 687	3.0
Farms by size:					
1 to 9 acres	farms--	1 105	1.2	344	1.5
acres--		4 911	1.5	1 412	2.0
10 to 49 acres	farms--	2 125	.9	672	1.3
acres--		52 758	1.0	16 997	1.4
50 to 179 acres	farms--	2 016	.9	793	1.2
acres--		194 391	.9	80 059	1.3
180 to 499 acres	farms--	813	1.4	557	1.4
acres--		225 291	1.3	161 511	1.3
500 to 999 acres	farms--	126	2.9	103	2.6
acres--		79 966	2.8	(D)	(D)
1,000 to 1,999 acres	farms--	26	-	25	-
acres--		34 020	-	(D)	(D)
2,000 acres or more	farms--	5	-	5	-
acres--		23 848	-	23 848	-
Total cropland	farms--	5 654	.3	2 386	.3
acres--		272 588	.6	194 870	.7
Harvested cropland	farms--	5 084	.4	2 297	.4
acres--		194 874	.6	148 595	.7
Acres harvested:					
1 to 9 acres	farms--	1 900	.9	644	1.1
acres--		6 890	1.2	2 318	1.7
10 to 49 acres	farms--	2 128	.9	776	1.2
acres--		47 642	1.0	19 108	1.3
50 to 99 acres	farms--	544	1.7	398	1.8
acres--		36 429	1.7	27 369	1.8
100 to 199 acres	farms--	336	1.9	305	1.9
acres--		44 773	1.8	41 200	1.8
200 to 499 acres	farms--	153	2.2	151	2.2
acres--		42 463	2.0	(D)	(D)
500 to 999 acres	farms--	21	-	21	-
acres--		(D)	(D)	(D)	(D)
1,000 acres or more	farms--	2	-	2	-
acres--		(D)	(D)	(D)	(D)
Cropland used only for pasture or grazing	farms--	2 164	.8	711	1.2
acres--		52 884	1.3	30 138	1.8
Other cropland	farms--	1 267	1.2	606	1.4
acres--		24 830	1.6	16 137	1.7
Irrigated land	farms--	1 316	.8	962	.7
acres--		20 158	8	18 790	.7
Acres irrigated:					
1 to 9 acres	farms--	888	1.1	558	1.1
acres--		2 540	1.6	1 817	1.7
10 to 49 acres	farms--	358	1.7	338	1.6
acres--		7 675	1.5	7 270	1.3
50 to 99 acres	farms--	39	4.1	35	2.9
acres--		2 727	4.2	2 487	3.7
100 to 199 acres	farms--	19	-	19	-
acres--		2 489	-	2 489	-
200 to 499 acres	farms--	10	-	10	-
acres--		(D)	(D)	(D)	(D)
500 to 999 acres	farms--	1	-	1	-
acres--		(D)	(D)	(D)	(D)
1,000 acres or more	farms--	1	-	1	-
acres--		(D)	(D)	(D)	(D)
Market value of agricultural products sold	\$1,000--	340 464	.2	330 696	.1
Average per farm	dollars--	54 772	.2	132 331	.3
Value of sales:					
Less than \$2,500	farms--	2 167	.9	-	-
\$1,000--		1 896	1.3	-	-
\$2,500 to \$4,999	farms--	830	1.6	-	-
\$1,000--		2 911	1.6	-	-
\$5,000 to \$9,999	farms--	720	1.7	-	-
\$1,000--		4 961	1.7	-	-
\$10,000 to \$24,999	farms--	770	1.2	770	1.2
\$1,000--		12 134	1.3	12 134	1.3
\$25,000 to \$49,999	farms--	494	1.8	494	1.8
\$1,000--		17 396	1.8	17 396	1.8
\$50,000 to \$99,999	farms--	515	1.6	515	1.6
\$1,000--		36 797	1.6	36 797	1.6
\$100,000 or more	farms--	720	-	720	-
\$1,000--		264 369	-	264 369	-
Sales by commodity or commodity group:					
Crops, including nursery and greenhouse crops	farms--	3 820	.5	1 893	.5
\$1,000--		215 855	.2	209 973	.2
Grains	\$1,000--	785	2.5	732	2.7
Corn for grain	\$1,000--	729	2.7	686	2.9
Wheat	\$1,000--	(D)	(D)	(D)	(D)
Soybeans	\$1,000--	-	-	-	-
Sorghum for grain	\$1,000--	-	-	-	-
Barley	\$1,000--	-	-	-	-
Oats	\$1,000--	(D)	(D)	(D)	(D)
Other grains	\$1,000--	39	2.1	(D)	(D)

See footnotes at end of table.

Table D. Reliability Estimates of State Totals: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms		Farms with sales of \$10,000 or more	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)
Sales by commodity or commodity group—Con.				
Crops, including nursery and greenhouse crops—Con.				
Cotton and cottonseed	\$1,000..	—	—	—
Tobacco	\$1,000..	.5	4 587	.5
Hay, silage, and field seeds	\$1,000..	2.2	7 803	2.9
Vegetables, sweet corn, and melons	\$1,000..	1.0	25 179	1.0
Fruits, nuts, and berries	\$1,000..	.4	92 349	.4
Nursery and greenhouse crops	\$1,000..	(Z)	80 867	—
Other crops	\$1,000..	1.4	4 285	4 219
Livestock, poultry, and their products	farms..	.7	2 932	.8
Poultry and poultry products	\$1,000..	.4	124 609	.4
Dairy products	\$1,000..	.6	23 149	.6
Cattle and calves	\$1,000..	.7	63 309	.6
Hogs and pigs	\$1,000..	1.1	11 297	1.2
Sheep, lambs, and wool	\$1,000..	1.9	4 220	2.1
Other livestock and livestock products (see text)	\$1,000..	4.7	884	437
		.7	21 749	20 694
Farms by standard industrial classification:				
Cash grains (011)	farms..	8.6	25	12
Field crops, except cash grains (013)	acres..	3.8	5 987	7.5
Vegetables and melons (016)	acres..	1.5	975	3.9
Fruits and tree nuts (017)	acres..	2.0	124 046	3.3
Horticultural specialties (018)	acres..	.1	678	3.9
General farms, primarily crop (019)	acres..	1.7	37 568	1.9
		2.2	274	2.4
		3.0	23 092	5.7
		4.7	956	6.7
		1.3	93 584	1.3
		1.2	630	—
		.1	17 303	1.2
		3.0	274	—
		36	23 092	5.7
		5.7	956	6.7
		1.3	113 821	3.2
		1.9	1 233	3.6
		1.4	113 821	3.6
		1.1	556	1.3
		4.1	152 045	1.1
		4.1	134	4.6
		5.1	8 090	2.9
		1.9	676	5.1
		3.9	28 179	7.2
		5.7	79	10.2
		3.1	11 470	3.3
Farms by type of organization:				
Individual or family (sole proprietorship)	farms..	.3	5 124	.5
Partnership	acres..	.8	431 487	1.0
Corporation	farms..	2.0	481	2.2
Other—cooperative, estate or trust, institutional, etc.	acres..	2.2	73 006	2.3
	farms..	1.3	544	1.2
	acres..	.9	86 535	.9
	farms..	4.5	67	3.8
	acres..	2.9	24 157	1.9
Tenure of operator:				
Full owners	farms..	.4	4 313	.7
Part owners	acres..	.9	348 117	1.1
Tenants	farms..	1.0	1 449	1.0
	acres..	1.0	231 033	1.0
	farms..	2.0	454	2.5
	acres..	2.6	36 035	2.9
Operators by principal occupation:				
Farming	farms..	.6	3 174	.5
Other	acres..	.7	416 937	.7
	farms..	.6	3 042	1.5
	acres..	1.3	198 248	2.8
Operators by sex:				
Male	farms..	.3	5 415	.3
Female	acres..	.6	571 616	.6
Average age of operator	years..	801	801	2.9
	acres..	1.7	43 569	5.4
	years..	3.1	52.6	.6
Cropland under federal acreage reduction programs:				
Annual commodity acreage adjustment programs	farms..	4.1	23	3.5
	acres..	2.1	829	2.5
Conservation reserve program	farms..	12.2	19	20.0
	acres..	11.0	677	8.8
Government payments:				
Amount received in cash	\$1,000..	1.6	1 967	1.5
Value of certificates received	\$1,000..	2.0	246	1.8
Net cash return from agricultural sales ¹ :				
Net cash return from agricultural sales for the farm unit (see text)	farms..	.4	6 216	.8
	\$1,000..	3.0	84 172	2.0
Average per farm	dollars..	2.8	13 541	1.9
	number..	.7	3 017	.9
	\$1,000..	1.6	106 761	1.6
	number..	.6	3 199	1.8
	\$1,000..	6.6	22 590	7.4
Total farm production expenses ¹ :				
	farms..	.4	6 216	.8
	\$1,000..	1.0	251 496	.9
Livestock and poultry purchased	farms..	5.2	1 559	6.9
	\$1,000..	3.9	11 441	3.2
Feed for livestock and poultry	farms..	3.2	2 893	4.9
	\$1,000..	2.0	33 525	1.5
Seeds, bulbs, plants, and trees	farms..	3.4	2 429	3.0
	\$1,000..	1.9	6 227	1.9
Commercial fertilizer	farms..	2.3	3 858	2.2
	\$1,000..	2.3	8 953	2.3

See footnotes at end of table.

Table D. Reliability Estimates of State Totals: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms		Farms with sales of \$10,000 or more		
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	
Total farm production expenses—Con.					
Agricultural chemicals	farms \$1,000	3 027 7 319	2.7 3.7	1 898 6 990	2.4 3.8
Petroleum products	farms \$1,000	5 859 12 042	.9 1.7	2 429 10 406	1.0 1.8
Electricity	farms \$1,000	4 286 5 959	2.1 2.2	2 060 5 399	2.1 2.3
Hired farm labor	farms \$1,000	2 185 66 579	3.5 1.4	1 518 65 517	3.3 1.4
Contract labor	farms \$1,000	1 025 7 906	6.4 3.9	667 7 397	6.6 3.3
Repair and maintenance	farms \$1,000	5 222 16 873	1.5 2.5	2 262 13 712	1.7 2.6
Customwork, machine hire, and rental of machinery and equipment	farms \$1,000	1 276 3 570	5.5 2.9	694 3 282	5.9 2.8
Interest	farms \$1,000	1 981 13 788	4.0 2.9	1 208 12 029	4.0 2.7
Cash rent	farms \$1,000	1 092 3 848	5.7 7.2	747 3 400	5.4 7.1
Property taxes	farms \$1,000	5 817 15 219	.9 2.2	2 304 9 316	1.3 2.2
All other farm production expenses	farms \$1,000	5 700 38 248	1.1 1.5	2 489 35 183	.8 1.3
Livestock and poultry:					
Cattle and calves inventory	farms number	2 112 83 065	.8 .7	834 70 457	1.0 .7
Beef cows	farms number	1 124 9 692	1.4 2.5	259 4 169	2.5 4.0
Milk cows	farms number	838 36 913	1.3 .8	593 36 281	1.3 .7
Cattle and calves sold	farms number	1 725 39 668	1.0 .9	804 34 466	1.1 .9
Hogs and pigs inventory	farms number	498 25 816	2.2 2.8	168 21 817	3.2 3.0
Hogs and pigs sold	farms number	387 40 048	2.5 2.3	143 34 969	3.4 2.4
Sheep and lambs inventory	farms number	604 14 761	2.0 3.8	109 5 170	4.1 8.7
Sheep and lambs sold	farms number	493 11 548	2.3 4.9	94 5 172	4.6 10.1
Hens and pullets of laying age inventory	farms number	733 1 251 356	1.7 .5	205 1 235 594	2.8 .5
Broilers and other meat-type chickens sold	farms number	37 (D)	8.6 (D)	6 (D)	9.1 (D)
Horses and ponies inventory	farms number	1 608 11 944	1.1 1.8	282 2 387	2.3 5.1
Selected crops harvested:					
Corn for grain or seed	farms acres bushels	152 5 681 626 829	3.6 2.4 2.2	90 5 189 585 966	4.2 2.6 2.3
Corn for silage or green chop	farms acres tons, green	604 28 643 524 819	1.5 .8 .7	468 27 193 501 419	1.4 .8 .6
Irish potatoes	farms acres cwt	83 2 628 615 427	3.8 2.5 1.6	73 2 588 609 350	3.7 2.6 1.7
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms acres tons, dry	2 874 121 498 250 559	.7 1.0 1.1	969 80 401 189 640	.9 1.3 1.3
Vegetables harvested for sale (see text)	farms acres	1 008 16 325	1.3 1.4	622 15 064	1.4 1.4
Land in orchards	farms acres	572 9 379	1.9 2.0	247 7 886	2.6 2.3

¹Data are based on a sample of farms.

²Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains.

Table E. Reliability Estimates of Percent Change in State Totals: 1982 to 1987

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms		Farms with sales of \$10,000 or more		
	Percent change	Standard error of estimate (percent)	Percent change	Standard error of estimate (percent)	
Farms	number	15.1	.6	4.1	.5
Land in farms	acres	.4	.7	-2.9	.7
Value of land and buildings ¹ :					
Average per farm	dollars	68.5	4.8	71.2	5.5
Total cropland	farms	14.4	.6	4.6	.5
	acres	2.5	.7	-1.6	.7
Harrowed cropland	farms	10.3	.6	3.6	.6
	acres	-1.5	.7	-5.2	.7
Irrigated land	farms	31.6	1.3	36.6	1.2
	acres	16.3	1.0	14.4	.8
Market value of agricultural products sold	farms	15.1	.5	4.1	.5
	\$1,000	21.0	.3	21.9	.2
Crops, including nursery and greenhouse crops	farms	17.2	.8	18.8	.8
	\$1,000	54.8	.6	56.8	.4
Livestock, poultry, and their products	farms	1.0	.8	-13.6	.8
	\$1,000	-12.3	.4	-12.2	.3
Poultry and poultry products	farms	-2.0	2.1	24.4	3.7
	\$1,000	-9.1	.5	-8.8	.5
Selected farm production expenses ¹ :					
Livestock and poultry purchased	farms	-4.7	6.6	-12.2	7.9
	\$1,000	-2	6.9	-2.8	6.7
Feed for livestock and poultry	farms	-1.8	4.2	-23.2	4.7
	\$1,000	-29.0	2.4	-32.2	2.2
Seeds, bulbs, plants, and trees	farms	17.5	5.7	8.9	4.8
	\$1,000	3.9	3.4	4.0	3.5
Commercial fertilizer ²	farms	17.5	4.0	9.5	3.6
	\$1,000	25.1	3.7	26.2	3.8
Agricultural chemicals ²	farms	23.2	5.0	12.7	4.1
	\$1,000	49.8	7.5	52.3	7.5
Hired farm labor	farms	-9.4	4.3	-4.0	4.3
	\$1,000	54.4	2.8	58.1	2.8
Interest ³	farms	9.9	6.5	2.7	6.0
	\$1,000	36.0	7.6	33.5	7.7
Livestock and poultry inventory:					
Cattle and calves	farms	-8.6	.8	-22.4	.8
	number	-18.9	.6	-20.1	.6
Hogs and pigs	farms	-19.5	1.8	-22.9	2.5
	number	-34.8	1.8	-35.1	2.0
Hens and pullets of laying age	farms	1.7	1.8	5.7	3.0
	number	5.8	.5	7.3	.5
Selected crops harvested:					
Corn for grain or seed	farms	-7.9	3.4	-4.3	4.0
	acres	-6.5	2.2	-7.4	2.4
Sorghum for grain or seed	farms	-	-	-	-
	acres	(D)	(D)	(D)	(D)
Wheat for grain	farms	-	-	-	-
	acres	333.3	17.2	(D)	(D)
Soybeans for beans	farms	-100.0	-	-100.0	-
	acres	(D)	(D)	(D)	(D)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	7.9	.8	-12.4	.8
	acres	4.1	1.1	-1.9	1.3
Vegetables harvested for sale (see text)	farms	-3	1.3	9.9	1.6
	acres	6.7	1.5	9.8	1.6
Land in orchards	farms	17.0	2.3	18.8	3.1
	acres	.5	2.1	-1.1	2.3

¹Data are based on a sample of farms.

²Data for 1987 include cost of custom applications.

³Data for 1982 do not include imputation for item nonresponse.

Table F. Reliability Estimates of County Totals: 1987

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Farms		Land in farms		Average value of land and buildings per farm ¹		Estimated market value of all machinery and equipment ¹		Harvested cropland		Irrigated land	
	Total (number)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Value (dollars)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)
Barnstable.....	158	1.2	(D)	(D)	319 338	6.3	4 859	6.3	(D)	(D)	1 265	7.2
Berkshire.....	392	.7	70 792	1.9	386 964	10.8	12 021	8.3	22 280	1.9	82	10.0
Bristol.....	675	.7	42 562	2.4	267 392	8.5	18 156	7.5	14 554	3.0	1 699	4.0
Dukes.....	58	2.1	7 314	10.9	460 328	(Z)	950	(Z)	709	8.5	(D)	(D)
Essex.....	439	.8	30 940	3.3	462 670	5.8	14 510	17.5	12 714	4.0	878	2.9
Franklin.....	616	.6	82 864	1.5	244 320	5.6	16 357	6.5	23 715	1.4	941	2.4
Hampden.....	490	.7	46 747	2.1	283 605	7.2	14 418	9.3	14 014	1.8	801	2.1
Hampshire.....	624	.6	64 567	1.7	259 069	7.2	18 025	6.6	24 290	1.0	449	10.7
Middlesex.....	569	.7	38 709	2.1	313 826	12.3	19 546	5.0	15 064	3.2	1 253	4.3
Nantucket.....	12	-	819	-	(D)	(D)	464	(Z)	441	-	439	-
Norfolk.....	212	1.1	13 124	3.6	287 080	10.2	5 814	11.1	4 003	5.9	338	6.1
Plymouth.....	775	.6	77 140	1.2	397 271	7.7	36 757	4.3	19 360	1.7	11 028	.6
Suffolk.....	5	-	(D)	(D)	(D)	(D)	87	-	(D)	(D)	(D)	(D)
Worcester.....	1 191	.6	134 689	1.2	443 586	9.0	36 902	6.3	42 309	1.3	838	.5
Geographic area	Cattle and calves inventory		Hogs and pigs inventory		Corn for grain or seed		Wheat for grain		Soybeans for beans		Market value of agricultural products sold	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Barnstable.....	(D)	(D)	17	40.3	-	-	-	-	-	-	6 800	2.2
Berkshire.....	11 715	1.4	199	11.0	836	5.0	(D)	(D)	-	-	17 564	.8
Bristol.....	8 154	2.6	5 017	6.8	338	13.6	-	-	-	-	29 971	.7
Dukes.....	177	15.0	41	15.0	(D)	(D)	-	-	-	-	(D)	(D)
Essex.....	3 372	4.3	561	11.5	205	33.6	(D)	(D)	-	-	17 034	.9
Franklin.....	13 444	1.6	556	11.9	1 012	2.2	-	-	-	-	24 575	.9
Hampden.....	5 582	2.4	248	12.9	329	9.3	-	-	-	-	19 056	.7
Hampshire.....	10 762	1.7	2 808	8.4	2 025	3.0	(D)	(D)	-	-	27 532	.6
Middlesex.....	4 351	4.5	5 080	2.1	162	26.9	-	-	-	-	49 860	.4
Nantucket.....	(D)	(D)	-	-	-	-	-	-	-	-	2 141	(Z)
Norfolk.....	1 496	8.8	787	15.0	(D)	(D)	-	-	-	-	13 240	-
Plymouth.....	4 539	1.9	3 152	1.9	(D)	(D)	-	-	-	-	77 374	.3
Suffolk.....	-	-	-	-	-	-	-	-	-	-	(D)	(D)
Worcester.....	19 342	1.4	7 350	7.4	593	8.7	(D)	(D)	-	-	54 309	.5
Geographic area	Selected farm production expenses ¹											
	Livestock and poultry purchased		Commercial fertilizer		Hired farm labor		Petroleum products		Electricity for the farm business			
	Total (\$1,000)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Barnstable.....	183	44.5	152	7.4	1 427	7.0	252	5.9	72	9.5	534	5.9
Berkshire.....	842	2.9	540	13.0	2 717	12.0	651	8.6	511	5.1	511	5.1
Bristol.....	1 411	20.4	641	5.8	4 629	7.5	1 186	7.7	26	(Z)	365	16.1
Dukes.....	(D)	(D)	38	(Z)	120	(Z)	35	(Z)	509	3.8	509	16.5
Essex.....	670	21.0	312	9.4	2 563	13.6	673	4.5	545	5.0	970	1.8
Franklin.....	390	9.1	1 044	5.9	3 283	6.6	974	9.7	(D)	(D)	1 087	4.2
Hampden.....	501	12.5	802	11.7	4 754	7.3	869	8.9	393	16.5	769	7.6
Hampshire.....	476	6.4	1 363	7.9	5 034	3.9	1 387	3.2	148	5.7	(D)	(D)
Middlesex.....	2 574	1.3	450	8.4	14 911	1.3	1 634	3.2	563	5.6	1 050	4.2
Nantucket.....	(D)	(D)	(D)	(D)	(D)	(D)	103	(Z)	(D)	(D)	769	(D)
Norfolk.....	1 050	9.2	156	32.0	3 028	.8	563	5.6	148	5.7	903	14.6
Plymouth.....	903	14.6	2 075	2.6	15 369	2.5	1 988	4.1	769	7.6	2 423	10.0
Suffolk.....	-	-	(D)	(D)	(D)	(D)	12	-	(D)	(D)	1 087	(D)
Worcester.....	2 423	10.0	1 293	5.0	8 190	4.5	1 716	3.7	1 087	4.2		

¹Data are based on a sample of farms.

**Table G. New England States Coverage Evaluation Estimates of Farms Not on the Mail List:
1987**

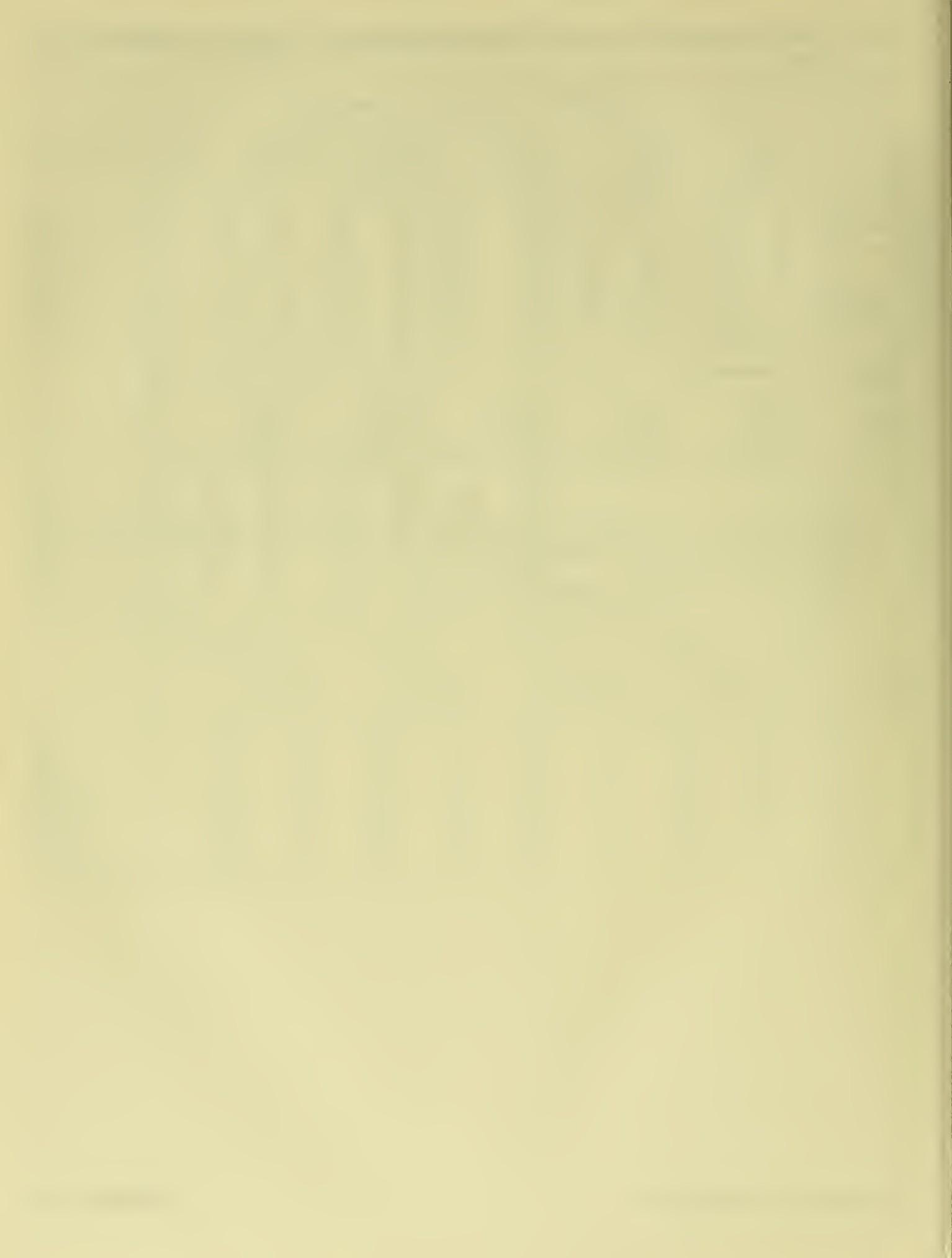
[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	Not on mail list		Percent not on mail list		
	Total number	Relative standard error of estimate (percent)	Total percent	Standard error of percent	
Farms----- Land in farms-----	number-- acres--	7 767 533 303	11.5 17.4	23.6 11.2	2.7 1.9
Farms by size: Less than 50 acres----- 50 acres or more-----	farms-- farms--	4 819 2 948	14.5 11.9	35.6 15.2	5.2 1.8
Harvested cropland-----	farms-- acres--	7 767 150 362	11.5 28.2	26.9 9.9	3.1 2.8
Farms by value of sales: Less than \$10,000----- Less than \$2,500----- \$2,500 to \$9,999----- \$10,000 or more-----	farms-- farms-- farms-- farms--	7 101 5 642 1 459 666	12.1 9.9 39.8 13.9	33.3 40.7 19.6 5.7	4.0 4.1 7.8 .8
Market value of agricultural products sold-----	\$1,000--	25 984	24.9	1.6	.4
Farms by standard industrial classification: Crops (01)----- Livestock (02)-----	farms-- farms--	3 237 4 530	20.6 10.6	21.9 24.9	4.5 2.7
Farms by tenure of operator: Full owners----- Part owners----- Tenants-----	farms-- farms-- farms--	6 643 1 124 -	12.4 14.9 -	28.9 13.4 -	3.6 2.0 -
Operators by principal occupation: Farming----- Other-----	farms-- farms--	1 532 6 235	13.1 13.0	10.2 34.8	1.3 4.5
Average age of operator-----	years--	51.9	(Z)	(X)	(X)

Note 1: Farms classified as nonfarms, nonfarms classified as farms, and farms appearing more than once in the census are not accounted for in these estimates, but will be provided in the 1987 Coverage Evaluation publication. See appendix C for further explanation.

Note 2: Detail may not add to total due to rounding.

Note 3: New England States include Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.



APPENDIX D.

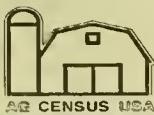
Report Form and Information Sheet

DUE BY FEBRUARY 1, 1988

FORM 87-A0201

(B 11-88)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS



UNITED STATES CENSUS OF AGRICULTURE

Please complete this
form and RETURN TO

BUREAU OF THE CENSUS
1201 East Tenth Street
Jeffersonville, IN 47133

Note — If your records are not available, reasonable estimates may be used. If you cannot file by February 1, a time extension request may be sent to the above address. Include your 12-character Census File Number (CFN) as shown in your address label in all correspondence to us.

If you received more than one report form, enter extra Census File Number(s) here and return extra copies with your completed report.

CENSUS USE ONLY	035	036	037	038
	039	040	041	042

OMB No. 0607-0534; Approval Expires September 30, 1988
NOTICE — Response to this inquiry is required by law (title 13, U.S. Code). By the same law YOUR REPORT TO THE CENSUS BUREAU IS CONFIDENTIAL. It may be seen only by sworn Census employees and may be used only for statistical purposes. Your report CANNOT be used for purposes of taxation, investigation, or regulation. The law also provides that copies retained in your files are immune from legal process.

In correspondence pertaining to this report, please refer to your Census File Number (CFN)

87-A0201

Please correct errors in name, address, and ZIP Code. ENTER street and number if not shown.

SECTION 1. ACREAGE IN 1987 Report land owned, rented, or used

S1 by you, your spouse, or by the partnership, corporation, or organization for which you are reporting. Include ALL LAND, REGARDLESS OF LOCATION OR USE — cropland, pastureland, rangeland, woodland, idle land, house lots, etc.

If the acres you operated in 1987 changed during the year, refer to the INFORMATION SHEET, section 1.

None	Number of acres
043	
044	
045	
046	
047	
048	

1. All land owned
2. All land rented or leased FROM OTHERS, including land worked by you on shares, used rent free, in exchange for services, payment of taxes, etc. Include leased Federal, State, and railroad land. (DO NOT include land used on a per-head basis under a grazing permit.) Also complete item 5 below.
3. All land rented or leased TO OTHERS, including land worked on shares by others and land subleased. Also complete item 6 below.
4. Acres in "THIS PLACE" — ADD acres owned (item 1) and acres rented (item 2), then SUBTRACT acres rented TO OTHERS (item 3), and enter the result in this space. →

For this census report these are the acres in "THIS PLACE." If the entry is zero please refer to the INFORMATION SHEET, section 1.

5. If you rented land FROM OTHERS (item 2), enter the following information for each landlord.

Name of landlord	Mailing address (Include ZIP Code)	Number of acres

List additional landlords on a separate sheet of paper.

6. If you rented land TO OTHERS (item 3), enter the following information for each renter.

Name of renter	Mailing address (Include ZIP Code)	Number of acres

List additional renters on a separate sheet of paper.

- a. Of the land you rented or leased to others, how many acres did you own? _____ Acres

7. Did you have any grazing permits on a per-head basis?

064	1 <input type="checkbox"/> Yes — Mark (X) all boxes which apply ... 2 <input type="checkbox"/> No — Go to item 8	3 <input type="checkbox"/> Forest Service
065		4 <input type="checkbox"/> Taylor Grazing Sec. 3 (BLM)
066		5 <input type="checkbox"/> Indian Land

- 6 Other — Specify

8. LOCATION OF AGRICULTURAL ACTIVITY FOR "THIS PLACE"

- a. In what county was the largest value of your agricultural products raised or produced?
 - b. If you also had agricultural operations in any other county(ies), enter the county name(s), etc.
- | | | | |
|-----------------------|-------------|-------|-----------------|
| Principal
County → | County name | State | Number of acres |
| | | | 056 |
| Other
counties | | | 057 |
| | | | 058 |
| | | | 059 |

PENALTY FOR FAILURE TO REPORT

SECTION 9 GROSS VALUE of CROPS SOLD from "THIS PLACE" in 1987, BEFORE taxes and expenses (Refer to the INFORMATION SHEET, section 9.)

Report your best estimate of the value for each of the following groups of crops sold from this place in 1987. Include the value of the landlord's and/or contractor's share, estimating if necessary. Include value of Government CCC loans.

1. Grains, soybeans and other beans sold in 1987	None	Dollars	Cents
a. Corn for grain	<input type="checkbox"/>	\$ 773	00
b. Wheat	<input type="checkbox"/>	\$ 774	00
c. Soybeans	<input type="checkbox"/>	\$ 775	00
d. Sorghum for grain	<input type="checkbox"/>	\$ 776	00
e. Barley	<input type="checkbox"/>	\$ 777	00
f. Oats	<input type="checkbox"/>	\$ 778	00
g. Other — rye, dry beans, dry peas, popcorn, sunflower seed, buckwheat, etc.	<input type="checkbox"/>	\$ 779	00
2. Tobacco	<input type="checkbox"/>	\$ 780	00
3. Hay, silage, field seeds, and grass seeds	<input type="checkbox"/>	\$ 781	00
4. Vegetables, sweet corn, and melons — (Do not include Irish potatoes and sweetpotatoes, report them in item 6 below.)	<input type="checkbox"/>	\$ 782	00
5. Fruits, nuts, and berries — apples, peaches, grapes, cherries, cranberries, strawberries, blueberries, etc.	<input type="checkbox"/>	\$ 783	00
6. Other crops — Irish potatoes, sweetpotatoes, etc. (Do not include nursery and greenhouse crops.)	<input type="checkbox"/>	\$ 784	00
Specify	<input type="checkbox"/>	\$ 785	00

SECTION 10 How were the ACRES in this place USED in 1987?

S10

1. Copy acres in "THIS PLACE" from section 1, item 4, page 1 Acres

NOTE: For items 2 to 5 below, if land was used for more than one purpose in 1987 report it in the FIRST land use listed below that applies. For example, report cropland harvested and also pastured, only as "Cropland harvested."

2. CROPLAND	None	Number of acres
a. Cropland harvested — Include all land from which crops were harvested or hay was cut, and all land in orchards, citrus groves, vineyards, and nursery and greenhouse crops.	<input type="checkbox"/>	787
b. Cropland used only for pasture or grazing — Include rotation pasture and grazing land that could have been used for crops without additional improvements.	<input type="checkbox"/>	788
c. Cropland used for cover crops, legumes, and soil-improvement grasses, but NOT harvested and NOT pastured	<input type="checkbox"/>	789
d. Cropland on which all crops failed — (Exception: Do not report here land in orchards and vineyards on which the crop failed. Such acreage is to be reported in item 2a.)	<input type="checkbox"/>	790
e. Cropland in cultivated summer fallow	<input type="checkbox"/>	791
f. Cropland idle	<input type="checkbox"/>	792
3. Woodland — Include all woodlots and timber tracts and cutover and deforested land with young timber growth.	<input type="checkbox"/>	793
a. Woodland pastured	<input type="checkbox"/>	794
b. Woodland not pastured	<input type="checkbox"/>	795
4. Other pastureland and rangeland — Include any pastureland other than cropland and woodland pasture.	<input type="checkbox"/>	796
5. All other land — Land in house lots, ponds, roads, wasteland, etc. — Include any land not reported in items 2 through 4 above.	<input type="checkbox"/>	797
6. TOTAL ACRES — Add the acres reported in items 2 through 5 (Should be the same as item 1 above.)	<input type="checkbox"/>	798

SECTION 11 Was any LAND in this place IRRIGATED at any time in 1987?

Irrigated land is all land watered by any artificial or controlled means — sprinklers, furrows or ditches, spreader dikes, etc. Include supplemental, partial, and preplant irrigation.

S11	<input type="checkbox"/> YES	— Complete this section
	<input type="checkbox"/> NO	— Go to section 12
1. How many acres of harvested land were irrigated? (Include land from which hay was cut and land in bearing and nonbearing fruit and nut crops reported in section 10, item 2a.)	None	Number of acres irrigated
<input type="checkbox"/>	880	
2. How many acres of pastureland, rangeland, and any other lands not included in item 1 above were irrigated?	<input type="checkbox"/>	881

SECTION 12 Were any ACRES in this place SET ASIDE, DIVERTED, OR IDLED under FEDERAL acreage reduction programs in 1987?

S12

1. How many acres were set aside (or diverted) under ANNUAL commodity acreage adjustment programs?	<input type="checkbox"/>	882
2. How many acres were under the CONSERVATION RESERVE PROGRAM (10 year, CRP)?	<input type="checkbox"/>	883

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SECTION 13 Did you or anyone else have any CATTLE or CALVES on this place in 1987?

S13 1 YES — Complete this section

2 NO — Go to section 14

• DECEMBER 31, 1987 INVENTORY

INVENTORY Number on this place Dec. 31, 1987
803 Total
804 Beef cows
805 Milk cows
806 Heifers and heifer calves
807 Steers and bulls of all ages

• CATTLE AND CALVES SOLD FROM THIS PLACE IN 1987

Include those fed on this place on a contract or custom basis. Also report as sold cattle moved from this place to a feedlot for further feeding.

Number sold in 1987	Gross value of sales
Dollars	ICents
808 \$ 6	00
810 \$ 811	00
812 \$ 813	00

• DAIRY PRODUCTS SOLD FROM THIS PLACE IN 1987

4. Gross value of sales of DAIRY PRODUCTS from this place in 1987 — Include milk, cream, butter, etc.

DAIRY PRODUCTS Gross value of sales
814 \$ 00

SECTION 14 Did you or anyone else have any HOGS or PIGS on this place in 1987?

S14 1 YES — Complete this section

2 NO — Go to section 15

• DECEMBER 31, 1987 INVENTORY

INVENTORY Number on this place Dec. 31, 1987
815 Total
816 Breeding
817 Other

a. HOGS and PIGS used or to be used for BREEDING

b. OTHER HOGS and PIGS

• LITTERS FARROWED

2. LITTERS FARROWED on this place between —

Number of litters
818
819

• HOGS AND PIGS SOLD

3. HOGS and PIGS SOLD from this place in 1987

Number sold in 1987	Gross value of sales
Dollars	Cents
820 \$ 21	00
822 \$ 23	00

SECTION 15 Did you or anyone else have any SHEEP or LAMBS on this place in 1987?

S15 1 YES — Complete this section

2 NO — Go to section 16

INVENTORY Number on this place Dec. 31, 1987	NUMBER SOLD in 1987
824	826
828	

1. SHEEP and LAMBS of all ages

a. EWES 1 year old or older

Number shorn in 1987	Pounds of wool shorn in 1987
827	828

2. SHEEP and LAMBS SHORN

Gross value of sales
829 \$ 00

3. What was the gross value of sales of SHEEP, LAMBS, and WOOL from this place in 1987?

SECTION 16 Did you or anyone else have any HORSES, BEES, FISH, GOATS, OTHER LIVESTOCK, or ANIMAL SPECIALTIES on this place in 1987?

S16

1 YES — Complete this section 2 NO — Go to section 17

	None	INVENTORY Number on this place Dec. 31, 1987	Total quantity sold in 1987	Gross value of sales	
				Dollars	Cents
1. Horses and ponies of all ages	<input type="checkbox"/>	830	831	832	00
2. Colonies of bees	<input type="checkbox"/>	839	840	Number \$	00
3. Milk goats	<input type="checkbox"/>	843	844	Number \$	00
4. Angora goats	<input type="checkbox"/>	847	848	Number \$	00
5. Other goats	<input type="checkbox"/>	851	852	Pounds mohair \$	00
6. Mules, burros, and donkeys	<input type="checkbox"/>	853	854	Number \$	00
7. Mink and their pelts	<input type="checkbox"/>	858	859	Number \$	00
8. Rabbits and their pelts	<input type="checkbox"/>	864	865	Number \$	00
9. All other livestock and livestock products	<input type="checkbox"/>	867	868	Number \$	00
Specify _____					
10. Fish and other aquaculture products (Enter name and code from list below.)			Total quantity sold in 1987	Gross value of sales	
Name	Code			Dollars	Cents
Catfish	880		— OR —	1	
Trout	883		Pounds	2	
If more space is needed, use a separate sheet of paper.			Number	\$	00

SECTION 17 Did you or anyone else have any POULTRY, such as CHICKENS, TURKEYS, DUCKS, etc., on this place in 1987? — Include poultry grown for others on a contract basis.

S17

1 YES — Complete this section
2 NO — Go to section 18

	None	INVENTORY Number on this place Dec. 31, 1987	Total number sold in 1987	Gross value of sales	
				Dollars	Cents
1. HENS and PULETS of laying age	<input type="checkbox"/>	892	893		
2. PULETS for laying flock replacement	<input type="checkbox"/>	894	895		
a. PULETS 3 months old or older not yet of laying age	<input type="checkbox"/>	896			
b. PULLET CHICKS and PULETS under 3 months old (Do not include commercial broilers.)	<input type="checkbox"/>	898			
3. BROILERS, fryers, and other meat-type chickens including capons and roasters	<input type="checkbox"/>	900	901		
4. TURKEYS	<input type="checkbox"/>	902	903		
a. Turkeys for slaughter (Do not include breeders.)	<input type="checkbox"/>				
b. Turkey HENS kept for breeding	<input type="checkbox"/>				
5. OTHER POULTRY raised in captivity — ducks, geese, pigeons or squab, pheasants, quail, etc. (Enter poultry name and code from the list below.)					
Poultry name _____	Code _____				
Poultry name _____	Code _____				
Name	Code	Name	Code	Name	Code
Ducks	904	Pigeons or squab	905	Ducks	912
Geese	906	Pheasants	910	All other poultry — Specify	914
6. POULTRY HATCHED on this place in 1987 and placed or sold — chickens, turkeys, ducks, etc. —	None	Number			
Specify kind of poultry	<input type="checkbox"/>	916			
7. Incubator egg capacity on December 31, 1987	<input type="checkbox"/>	917			
8. What was the gross value of sales of poultry and poultry products (eggs, etc.) from this place in 1987?	None	Gross value of sales			
		Dollars	Cents		
		818	\$	00	

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SECTION 18 GOVERNMENT CCC LOANS

S18

1. Amount received in 1987 from Government CCC loans for — Include regular and reserve loans, even if redeemed or forfeited.

	Dollars	Cents
a. Corn	888	00
b. Wheat	889	00
c. Soybeans	890	00
d. Sorghum, barley, and oats	891	00
e. Tobacco, rye, and honey	892	00

SECTION 19 Payments received for participation in FEDERAL FARM PROGRAMS In 1987 (DO NOT INCLUDE CCC loans.) Refer to INFORMATION SHEET, section 19.

S19

1. Amount received in cash
2. Value of certificates received — payment-in-kind (PIK) or commodity certificates

	Dollars	Cents
1. Amount received in cash	884	00
2. Value of certificates received — payment-in-kind (PIK) or commodity certificates	885	00

SECTION 20 TYPE OF ORGANIZATION

S20

Mark (X) the one item which best describes the type of organization for this place in 1987. Refer to the INFORMATION SHEET, section 20.

- FAMILY or INDIVIDUAL operation — (Do not include partnership and corporation.)
- PARTNERSHIP operation — Include family partnerships
- INCORPORATED UNDER STATE LAW
- OTHER, such as estate or trust, prison farm, grazing association, Indian reservation, etc.

Specify _____

SECTION 21 CORPORATE STRUCTURE (for incorporated operations only) Refer to the INFORMATION SHEET, section 21.

S21

1. Is this a family-held corporation? Yes No
2. Are there more than 10 stockholders? Yes No

SECTION 22 CHARACTERISTICS AND OCCUPATION OF OPERATOR (Senior partner or person in charge) Refer to the INFORMATION SHEET, section 22.

S22

1. RESIDENCE — Does the operator (senior partner or person in charge) live on this place? Yes No
2. PRINCIPAL OCCUPATION — At which occupation did the operator spend the majority (50 percent or more) of his/her worktime in 1987? For partnerships consider all members of the partnership together.
3. OFF-FARM WORK — How many days did the operator (senior partner or person in charge) work at least 4 hours per day off this place in 1987? — Include work at a nonfarm job, business, or on someone else's farm for pay. (Do not include exchange farmwork.)
4. In what YEAR did the operator (or senior partner) begin to operate any part of this place? Year _____
5. AGE of operator (senior partner or person in charge) Years old _____
6. RACE of operator (senior partner or person in charge)
7. SEX of operator (senior partner or person in charge) Male Female
8. SPANISH ORIGIN — Is the operator (senior partner or person in charge) of Spanish origin or descent (Mexican, Puerto Rican, Cuban, or other Spanish)? Yes No

 Yes No Yes No None 1-49 days 50-99 days 100-149 days 150-199 days 200 days or more White Negro or Black American Indian Asian or Pacific Islander Other — Specify _____ Yes No Yes No

SECTION 23. PRODUCTION EXPENSES paid by you and others for this place in 1987
S23

Include your best estimate of expenses paid by you, your landlord, contractors, buyers, and others for production of crops, livestock, and other agricultural products in 1987. (DO NOT INCLUDE expenses connected with performing customwork for others; operation of nonfarm activities, businesses, or services; or household expenses not related to the farm business.)

1. **Livestock and poultry purchased** — cattle, calves, hogs, pigs, sheep, lambs, goats, horses, chicks, pouls, started pullets, etc.

None	Dollars	Cents
971	\$	00
972	\$	00

2. **Feed purchased for livestock and poultry** — grain, hay, silage, mixed feeds, concentrates, etc.

a. Commercially mixed formula feeds purchased — complete, supplement, concentrates, premixes.

(Do not include ingredients purchased separately, such as soybean meal, cottonseed meal, and urea.)

None	Dollars	Cents
873	\$	00

3. **Seed cost** — for corn, other grains, soybeans, tobacco, cotton, etc. — Include plants and trees purchased.

4. **Commercial fertilizer purchased** — all forms, including rock phosphate and gypsum. Include cost of custom applications.

5. **Agricultural chemicals purchased** — Insecticides, herbicides, fungicides, other pesticides, etc. — Include cost of custom applications. (Do not include lime.)

6. **Gasoline and other petroleum fuel and oil purchased for the farm business** —

a. Gasoline and gasohol

b. Diesel fuel

c. Natural gas

d. LP gas, fuel oil, kerosene, motor oil, grease, etc.

7. **Electricity for the farm business** — (Do not include household expenses.)

8. **Hired farm and ranch labor** — also include employer's cost for social security, workman's compensation, insurance premiums, pension plans, etc. (See INFORMATION SHEET)

9. **Contract labor** — Include expenditures for labor, such as harvesting of fruit, vegetables, berries, etc., performed on a contract basis by a contractor, crew leader, a cooperative, etc.

10. **Repair and maintenance expenses for the upkeep of buildings, motor vehicles, and farm equipment**

11. **Customwork, machine hire and rental of machinery and equipment** — Include expenditures for use of equipment and for customwork such as grinding and mixing feed, plowing, combining, corn picking, drying, silo filling, spraying, dusting, fertilizing, etc. (Do not include cost of cotton ginning and application of fertilizer and chemicals.)

12. **Interest paid on debts** — (See INFORMATION SHEET)

a. Secured by real estate

b. Not secured by real estate

13. **Cash rent paid for land and buildings in 1987** — (Do not include grazing fees.)

14. **Property taxes paid** — include farm real estate, machinery, livestock, etc. for the farm business. (Do not include taxes paid by landlords.)

15. **All other production expenses** — include insurance, water, animal health costs, grazing fees, marketing charges, miscellaneous farm supplies, etc. (Do not include depreciation, household expenses, and expenses not associated with the farm business.)

SECTION 24. Was any COMMERCIAL FERTILIZER, including ROCK PHOSPHATE, or LIME used on this place during 1987?

S24 1. YES — Complete this section 2. NO — Go to section 25

None Acres fertilized

832

833

1. Acres of cropland fertilized in 1987 — (Do not include cropland for pastures reported in section 10, item 2b.)

2. Acres of pastureland and rangeland fertilized in 1987 reported in section 10, items 2b and 4

3. LIME — tons of lime used and acres on which applied — (Do not include lime plaster or gypsum or lime for sanitation.)

None	Tons of lime	Acres limed
834		835

SECTION 25. Were any INSECTICIDES, HERBICIDES, FUNGICIDES, NEMATICIDES, OTHER PESTICIDES, or OTHER CHEMICALS used on this place in 1987?

S25 1. YES — Complete this section 2. NO — Go to section 26

Include any materials provided by you, your landlords, or contractors. For each item listed, report acres only once. If multipurpose chemicals were used, report acreage treated for each purpose.

1. Spreys, dusts, granules, fumigants, etc., (fungicide, herbicide, insecticide, nematicide) to control —

a. Insects on crops, including hay

b. Nematodes in crops

c. Diseases in crops and orchards (blights, smuts, rusts, etc.)

d. Weeds, grass, or brush in crops and pasture — Include both pre-emergence and post emergence.

2. Chemicals for defoliation or for growth control of crops or thinning of fruit

None	Acres on which used
936	
937	
938	
939	
940	

SECTION 26. MACHINERY AND EQUIPMENT on this place on December 31, 1987 — S26 Include only equipment used for agricultural operations in 1986 or 1987.

• Value of ALL machinery and equipment on this place, December 31, 1987

1. What is the estimated market value of ALL machinery, equipment, and implements usually kept on this place and used for the farm or ranch business? — Include cars, trucks, tractors, combines, plows, disks, harrows, dryers, pumps, motors, irrigation equipment, dairy equipment including milkers and bulk tanks, livestock feeders, grinding and mixing equipment, etc.

Estimated market value	
Dollars	Cents
943	00

• SELECTED machinery and equipment on this place, December 31, 1987. (Report only if used in 1986 or 1987.)

None	Total number on this place on December 31, 1987	Of the total, HOW MANY were manufactured in the last 5 years (1983 - 1987)?
644	645	
948	947	
946	949	
950	951	
966	957	
958	959	
950	951	

SECTION 27. ESTIMATED CURRENT MARKET VALUE OF LAND and BUILDINGS

S27 Please give your best ESTIMATE of the CURRENT MARKET VALUE of land and buildings for all acres reported in section 1, items 1, 2, and 3, page 1.

None	Estimated market value of land and buildings
Dollars	Cents
896	00
897	00
998	00
999	00

1. All land owned

2. All land rented or leased FROM OTHERS

3. All land rented or leased TO OTHERS

SECTION 28. INCOME FROM FARM - RELATED SOURCES IN 1987

S28 Report amount received before taxes and expenses.

Farm-related income	
Dollars	Cents
992	00
993	00
994	00
995	00

1. Customwork and other agricultural services provided for farmers and others — plowing, planting, spraying, harvesting, preparation of products for market, etc. (If customwork is a separate business, refer to INFORMATION SHEET, section 28.)

2. Gross cash rent or share payments received from renting out farmland or payments received from lease or sale of allotments — Include payments for livestock pastured on a per-head basis, per-month basis, per-pound basis, etc.

3. Sales of forest products and Christmas trees — Include maple products, naval stores, firewood, etc.

4. Recreational services, patronage dividends of cooperatives, and other income which is CLOSELY RELATED to the agricultural operation on this place —

Specify _____

SECTION 29. PERSON COMPLETING THIS REPORT — Please print

Name	Date
Telephone number	Area Code Number

INFORMATION SHEET

1987 UNITED STATES CENSUS OF AGRICULTURE

Special Reporting Instructions

1. Who Should Report

WE NEED A REPLY FROM EVERYONE RECEIVING A REPORT FORM, INCLUDING individuals, landlords, tenants, partnerships, corporations, institutions, and THOSE NOT CONDUCTING AGRICULTURAL OPERATIONS. Each case included in the census has a unique Census File Number (CFN). In order to make the census results as complete and accurate as possible, we need to obtain information about every CFN.

2. If You Received More Than One Report Form for an Operation

Complete only ONE report form for an operation. Write "Duplicate" near the address label of each extra report form. Also, write the 11-digit census file number(s) of the DUPLICATE report(s) ON THE COMPLETED REPORT in the space provided to the left of the address label. Return the extra report(s) in the same envelope with your completed report form so that we can correct our records.

3. If You No Longer Farm

If you had agricultural operations at any time during 1987, please report all agricultural activity during the year. Report all land on your census form that you owned or rented. Also, report your 1987 crop and livestock production and 1987 sales.

Explain on the first page of the report form (or on a separate sheet of paper) that you quit farming or ranching and give the approximate date and the name and address of the present operator, if known.

4. If You Never Farmed or Have No Association With Agriculture

Please write a note on the report form near the address label explaining this and return the form so that we can correct our records. In our efforts to make the census as complete as possible, we obtained lists from various sources. We tried to eliminate duplicate and nonfarm addresses, however, it was not always possible to do so.

5. If You Have More Than One Agricultural Operation

Complete a report form for EACH SEPARATE and DISTINCT production unit, i.e., each individual farm, ranch, feedlot, greenhouse, etc., or combination of farms, etc., for which you maintain SEPARATE records of operating expenses and sales, livestock and other inventories, crop acreages, and production.

6. If You Have a Partnership Operation

Complete only ONE report for the entire partnership's agricultural operation and include all partners' shares on the one report. If members of the partnership also operate separate farms or ranches in addition to the partnership farming operation, separate report forms should be completed for each individual operation.

If two or more report forms were received for the same operation, mark each additional form as a "Duplicate." Return the duplicate report(s) in the same envelope with the completed partnership report, where possible, or write a note on the duplicate report, such as, "(Name of partner) has completed a report for the partnership (provide name and CFN of partnership.)"

7. Landlord's or Contractor's Share

If you rented or leased land from others or had a contract for the production of agricultural products, include both your share and the landlord's or contractor's share of the production, sales, and expenses so your census report form will be complete for "THIS PLACE."

If you do not know the landlord's or contractor's share, include your BEST ESTIMATE. If you do not have records available for all data items, use your best estimate.

How to Enter Your Response

Enter your replies in the proper spaces, on the correct lines, and in the units requested, i.e., dollars, bushels, tons, etc. Write any explanation outside the answer spaces or on a separate sheet of paper.

All dollar figures may be entered in whole dollars. CENTS ARE NOT REQUIRED.

Enter whole numbers except where tenths are requested, such as acres of potatoes harvested. If you have 1/2, 1/3, or 1/4 of an acre, convert to tenths. For example, convert 1/2 to 5/10, 1/3 to 3/10, 1/4 to 2/10.

The census report form will contain sections and questions which do not apply to you. When this occurs, mark the "None" or "No" box and go on to the next item or section.

Instructions For Specified Sections

► Section 1 — ACREAGE IN 1987

Your answers to this section will determine the land (Acres in "THIS PLACE") referred to in the rest of the report form.

When answering the acreage questions, include the land associated with your agricultural operations in 1987 whether in production or not. Include all land that you owned or rented during 1987 even if only for part of the year. Do not include any unrelated residential or commercial land.

IF YOU QUIT FARMING DURING 1987 — Complete the report form for the portion of the year that you did farm. Explain on the report form in the space to the left of the address label (or on another sheet of paper) when you stopped farming and include the name and address of the person now using the land.

Report all land in section 1 in whole acres.

Item 1 — All Land Owned — Report all land owned in 1987 whether held under title, purchase contract or mortgage, homestead law, or as heir or trustee of an undivided estate. Include all land owned by you and/or your spouse, or by the partnership, corporation, or organization for which you are reporting.

Item 2 — All Land Rented or Leased From Others — Report all land rented by you or your operation even though the landlord may have supplied materials or supervision.

INCLUDE in item 2:

- a. Land for agricultural use that you rented from others for cash
- b. Land you worked on a share basis (crop or livestock)
- c. Land owned by someone else that you used rent-free
- d. Federal, State, Indian reservation, or railroad land rented or leased by the acre

DO NOT INCLUDE in item 2:

Land used on a per-head or animal unit license or permit basis, such as section 3 of the Taylor Grazing Act, National Forest, or Indian reservation permit land. If you had any of these permits, mark "yes" to item 7.

Item 3 — All Land Rented or Leased To Others — Include all land rented out for any purpose if it was part of the acreage reported in items 1 and 2. A report form will be obtained from each of your tenants to cover the operations on that land.

INCLUDE in item 3:

- a. Owned land rented to others for cash or a share of crops or livestock
- b. Land you rented from someone and then subleased to someone else
- c. Land worked for you by someone for a share of crops or livestock
- d. Land which you allowed others to use rent-free

Item 4 — Acres in "THIS PLACE" — This figure will show the total of all land you operated at any time in 1987.

If Item 4, Acres in "THIS PLACE" Is "0" and:

- a. You raised any crops or had any livestock or poultry on "THIS PLACE" in 1987, complete the report.
- b. All your land was operated by a renter or sharecropper, complete item 6 (name and address of renters), skip to and complete section 29, and explain briefly, "all land rented out," etc. Mail form in return envelope.
- c. You did not have any agricultural activity on owned or rented land in 1987, complete section 29 and explain briefly, such as "retired," "sold farm," and date. Give name and address of current operator if known and return form.

► Sections 2 through 8 — CROPS

Sections 2 through 8 provide space for reporting crops harvested during the 1987 crop year from the land shown in section 1, Item 4 (Acres in "THIS PLACE") of your report. Please report your crops in the appropriate sections. Do NOT include any crops grown on land rented or leased TO OTHERS, or worked by others on shares during 1987.

Acres harvested — Enter the acres harvested in 1987. Round fractions to whole acres except where tenths are requested by "/10" in the reporting box, such as for potatoes.

Quantity harvested — If your unit of measure is different than the unit on the report form, please convert your figure for the quantity harvested to the unit requested. If the harvest was incomplete by December 31, 1987, please report the quantity harvested and estimated quantity to be harvested.

Acres Irrigated — For each crop irrigated, report number of acres irrigated. Irrigation is defined as land watered by artificial or controlled means — sprinklers, furrows or ditches, spreader dikes, purposeful flooding, etc. Include acres that received supplemental, partial, and/or preplant irrigation. Do not report water applied in transplanting tobacco plants, trees, or vegetables as irrigation. Leave "Acres irrigated" blank for crops that are not irrigated.

How to Report Crops Harvested

► Sections 2 and 3 — Report only for the listed crops.

► **Sections 4 through 8** — To report: (1) find the crop name and the code number from the list in the section; (2) enter crop name and code in the first two columns of the first available answer line in the section; (3) enter the information that is requested in the remaining columns. If you harvested a crop not listed in sections 4 through 8, use the "Other" code in the appropriate section and specify the crop name.

Double Cropping — If two or more crops were harvested from the same land (double cropping) report the total acres and production of each harvested crop in the appropriate section(s) of the report form.

Example: In 1987 you harvested 1,230 bushels of wheat from 40 acres, then on the same 40 acres planted soybeans, from which you harvested 1,550 bushels. You irrigated the soybeans but not the wheat.

Section 2 Were any of the following CROPS harvested from "THIS PLACE" in 1987?			
	Acres harvested	Quantity harvested	Acres irrigated
None			
1. Cotton	091	092 Bales	093
2. Soybeans for beans	088	088 Bu.	090
3. Wheat for grain	40	1,550 Bu.	40
4. Oats for grain	073	074 1,230 Bu.	076
	076	077 Bu.	076

Interplanted Crops — If two crops were grown at the same time in alternating strips in the same field, report the portion of the field used for each crop.

Example: A 60 acre field was planted in cotton and soybeans, with two rows of cotton followed by an area of the same width planted in soybeans. No irrigation was used. Thirty acres of soybeans and 30 acres of cotton would be reported in the appropriate section(s).

Skip Row Planting — If a crop is planted in an alternating pattern of planted and non-planted rows, such as two rows planted and two rows skipped (2 X 2), report the portion of the field occupied by the crop in the appropriate section for that crop, and report the skipped portion as "Cropland idle" in section 10, item 2f.

► **Section 4 — VEGETABLES** — Report acres of vegetables harvested FOR SALE or commercial processing. Do not include vegetables grown for home use. Report the total acreage of each vegetable crop harvested.

Example: In 1987 you harvested 10 acres of lettuce from a field, then replanted the field in lettuce and harvested the 10 acres again. Both crops of lettuce were irrigated. Enter only 10 acres of land from which vegetables were harvested and 10 acres irrigated in item 1 of section 4, but write in 20 acres of lettuce harvested and 20 acres of lettuce irrigated in item 2 of section 4.

► **Section 8 — FRUITS and NUTS** — In counting the combined total of 20 or more trees and vines, include those for home use as well as those maintained for sale of the production. Acres in trees or vines that have been abandoned should not be included; these acres should be included in section 10, item 2f "Cropland idle."

If crops other than fruit and nut trees and vines were interplanted with trees or vines, report the total acres for the orchard crop in section 8 and the total acres of the interplanted crop in the appropriate section.

► Section 9 — GROSS VALUE OF CROPS SOLD

Report the value of all crops sold from "THIS PLACE" in 1987, regardless of the year they were harvested or who owned the land. Be sure to report gross values before deducting expenses and taxes. Include Government CCC loans received for "THIS PLACE" in 1987. Include payments received in 1987 from cooperatives or marketing organizations for crops produced on "THIS PLACE" regardless of the year in which the crops were harvested.

Also include as sales, your estimate of the value of any crop removed from "THIS PLACE" in trade for services, such as hay cut in exchange for fence repair, clearing, or other services. If the sale price or market value is not known, give your best estimate of the crop's market value when removed from "THIS PLACE."

DO NOT INCLUDE crops or crop products purchased from others and later sold.

► Section 10 — USE OF ACRES IN "THIS PLACE"

This section is used to classify the acres in "THIS PLACE" reported in section 1, item 4. (Do not include any acres you rented to others reported in section 1, item 3). The sum of the acres entered in various categories should equal total acres in "THIS PLACE."

Land Used for More Than One Purpose — Do not report the same acreage for more than one of the listed purposes. If part or all of your land was used for more than one listed purpose in 1987, report that land only in the first category listed. For example, if you plowed under a cover crop, and planted and harvested a grain crop, report the land in item 2a, "Cropland harvested," but do NOT report as "Cropland used for cover crops, legumes, etc." item 2c.

Double Cropping — When more than one crop was harvested from the same land in 1987, report that land only ONCE as "Cropland harvested," in item 2a.

Interplanted Crops — If you interplanted crops, such as cotton in an orchard, report the total land used for both crops only ONCE, as "Cropland harvested," in item 2a.

Skip Row Planted Crops — Report the acres that represent the total nonplanted or skipped rows as "Cropland idle," item 2f. The acres that represent the planted rows should be reported as "Cropland harvested," in item 2a.

► Section 12 — ACRES SET ASIDE, DIVERTED, OR IDLED UNDER FEDERAL ACREAGE REDUCTION PROGRAMS IN 1987

Include in item 2 all acres in "THIS PLACE" retired from production and placed, by long-term contract, into the Conservation Reserve Program. Acres placed into the program during and prior to 1987 should be included.

► Sections 13 through 17 — LIVESTOCK, POULTRY, OTHER LIVESTOCK, OR ANIMAL SPECIALTIES

Animals and Poultry to Include in the Report — Report all animals, poultry, and animal specialties on "this place" (section 1, item 4) on December 31, 1987. Include all owned by you and any kept by you for others. Include animals on unfenced lands, National Forest land, district land, cooperative grazing association land, or rangeland administered by the Bureau of Land Management on a per-head or lease basis. Animals in transit on December 31, 1987, or animals on a short-term pasture (such as wheat pasture or crop residue) on a per-head or lease basis should be reported by the person who had control of the animals.

Animals and Poultry to Exclude from the Report — Do not report animals or poultry kept on land rented to others or kept under a share arrangement on land rented to others. Do not include animals quartered in feedlots which are not a part of "this place." Animals kept on a place not operated by you are to be included on the report for that place.

Animals Bought and Sold — DO NOT REPORT ANY ANIMALS BOUGHT AND THEN RESOLD WITHIN 30 DAYS. Such purchases and sales are considered "dealer" transactions, and are not included in this census.

Number Sold — Report all animals and poultry sold or removed from "this place" in 1987, without regard to ownership or who shared in the receipts. Include animals sold for a landlord or given to a landlord or others in trade or in payment for goods or services. Do NOT report number sold for any livestock or poultry kept on another place.

Dairy Termination Program or "Whole-Herd Dairy Buy-Out Program" — The amount received in 1987 from the Government under the dairy termination program should be included in section 19, item 1. Dairy animals and products sold in 1987 should be reported in section 13.

Animals Moved to Another Place — For animals moved from "this place" to another place, such as for further feeding, report animals as "sold" and give your best estimate of their market value when they left "this place."

Fat Cattle Sold — Cattle fattened on grain or concentrates for 30 days or more and sold for slaughter are reported in section 13, item 3a.

DO NOT INCLUDE WITH FATTENED CATTLE SOLD:

- a. Cattle and calves sold for further feeding
- b. Veal calves, or any calves weighing less than 500 pounds
- c. Dairy cows fed only the usual dairy ration before being sold

Value of Sales — Report the total gross value of animals and poultry sold or removed from "this place" in 1987 without deducting production or marketing expenses (cost of feed, cost of livestock purchased, cost of hauling and selling, etc.). If the sale price or market value is not known, give your best estimate of their market value when they left "this place." Do NOT report the value of sales of any livestock and poultry owned by you but kept and sold from a place you did not operate.

Contract and Custom Feeding Operations — Livestock or poultry kept by you on "this place" on a contract or custom basis should be included on this report REGARDLESS OF OWNERSHIP. Report as "INVENTORY" numbers of animals or poultry on the place on December 31, 1987. Report as "SOLD" animals and poultry kept on a contract or custom basis and removed or sold from the place in 1987. If the sale price or market value is not known, give your best estimate of the market value of the animals or poultry when they left the place.

► Section 16 — HORSES, BEES, FISH, GOATS, OTHER LIVESTOCK, OR ANIMAL SPECIALTIES

Item 2 — If you owned BEES — Report all colonies or hives of bees and honey operations conducted by you, regardless of where the hives were kept most of the year. Report hives or colonies, pounds of honey sold, and value of sales.

Items 7 and 8 — Mink pelts and rabbit pelts should be included in number sold and value of sales, but not in inventory.

Item 9 — Other Livestock and Livestock Products — Include in all other livestock and livestock products manure, beeswax, and any other animal products sold from "this place" in 1987. Please indicate units used in reporting.

Item 10 — Fish and Other Aquaculture Products — Report number of pounds sold and gross value of sales for each. Enter name and code from list.

► Section 17 — POULTRY

The person who furnished the housing and labor should report the poultry operation on his/her report form regardless of who owns the birds. Report as sold poultry that were taken or moved from the place in 1987.

► Section 18 — AMOUNT RECEIVED FROM GOVERNMENT CCC LOANS

Item 1 — Report the amount received under the regular or reserve program for commodities placed under CCC loan during 1987. Include amount received even if commodity was redeemed or forfeited prior to December 31, 1987.

Do not include CCC loans received to build crop storage facilities or amount received for storage payments in the reserve program.

► Section 19 — FEDERAL PAYMENTS RECEIVED

Report all payments received from Federal Farm Programs in 1987 regardless of whether payment was made in cash or commodity certificates. Include cash payments in item 1. In item 2, include the value of any certificates held or the value received from sale or redemption of any certificates in 1987.

Federal payments include receipts from Federal programs such as deficiency payments, "Whole-herd dairy buy-out," support price payments, indemnity programs, disaster payments, paid land diversion, inventory reduction payments, payments received for approved soil and water conservation projects, etc.

► Section 20 — TYPE OF ORGANIZATION

Use the following definitions to determine the type of organization for your operation:

Family or Individual Operation — Defined as farm or business organization controlled and operated by an individual (sole proprietor). Include family operations that are not incorporated and not operated under a partnership agreement.

Partnership Operation — Defined as two or more persons who have agreed on the amount of their contribution (capital and effort) and the distribution of profits. Co-ownership of land by husband and wife or joint filing of income tax forms by husband and wife DOES NOT constitute a partnership, unless a specific agreement to share contributions, decisionmaking, profits, and liabilities exists. Production under contract or under a share rental agreement DOES NOT constitute a partnership.

Incorporated Under State Law — A corporation is defined as a legal entity or artificial person created under the laws of a State to carry on a business. This definition does not include cooperatives. Information on type of corporation should be reported in section 21.

Other — Such as cooperatives (defined as an incorporated or unincorporated enterprise or an association created and formed jointly by the members), estate or trust (defined as a fund of money or property administered for the benefit of another individual or organization), prison farm, grazing association, Indian reservation, institution run by a government or religious entity, etc.

► Section 21 — CORPORATE STRUCTURE

This section is to be answered by corporations only. Answer both items. A family-held corporation has more than 50 percent of its stock owned by persons related by blood or marriage.

► Section 22 — CHARACTERISTICS AND OCCUPATION OF OPERATOR

This section collects information about the operator of "this place" defined as the individual owner, the operator, the senior partner, or person in charge for the type of organization reported in section 20.

For Family or Individual Operation — Complete this section for the operator.

For Partnership Operations — Answer all items, except item 2, for the "Senior Partner." The "Senior Partner" is the individual who is mainly responsible for the agricultural operations on "this place," not necessarily the person senior in age. If each partner shares equally in the day-to-day management decisions, consider the oldest as the "Senior Partner." For item 2 (Principal Occupation) consider all members of the partnership together. Please include as "farming" worktime at all types of agricultural enterprises, including work at greenhouses, nurseries, mushroom production, ranching, feedlots, broiler feeding, etc.

For Corporations and Other Operations (Cooperatives, Estates, etc.) — Complete section 22 for the person in charge, such as a hired manager, business manager, or other person primarily responsible for the on-site, day-to-day operation of the farm or ranch business.

Item 4 — Year Began Operation — Report the first year the operator or senior partner began to operate any part of "this place" on a continuous basis. If the operator returned to a place previously operated, report the year operations were resumed.

► Section 23 — PRODUCTION EXPENSES paid by you and others for "this place" in 1987

Include farm production expenses paid by you, your landlord, contractors, or anyone else for crops, livestock, or poultry produced on "this place." Include expenses incurred in 1987 even if they were not paid for in 1987. Please estimate if exact figures are not known. Refer to the individual expenditure items below for further explanations.

Livestock and Poultry Purchased — Report the cost of cattle, calves, hogs, pigs, sheep, lambs, horses, goats, chicks, pullets, poult, etc., including breeding stock and dairy cows. Contract growers or custom feeders who did not own or purchase the livestock or poultry themselves should estimate the value of the cattle, calves, pigs, baby chicks, pullets, etc. at the time they came onto the place.

Feed Purchased for Livestock and Poultry — Report the purchase cost of corn, sorghum, oats, barley, other grains, silage, hay, mixed feed, concentrates, etc., fed to livestock and poultry on "this place." Contract livestock and poultry growers should estimate the value of feed provided by the contracting company. Custom feedyards should include feed costs for all cattle fed even if the owners of the cattle were billed for the feed. Feed raised on "this place" should not be reported as purchased.

Cost of Hired Farm and Ranch Labor — Include gross salaries and wages, commissions, dismissal pay, vacation pay, end paid bonuses paid to hired workers, family members, hired managers, administrative and clerical employees, and salaried corporate officers. Also, include supplemental cost for benefits such as employer's social security contributions, unemployment compensation, workmen's compensation insurance, life and medical insurance, pension plans, etc.

Contract Labor — Includes the labor costs of workers furnished on a contract basis by a labor contractor, crew leader, or cooperative for harvesting vegetables or fruit, shearing sheep, or similar farm activities. Do not include costs for building or repair work done by a construction contractor. Include the cost of customwork or machine hire in item 11.

Repair and Maintenance Expenses for the Upkeep of Buildings, Motor Vehicles, and Farm Equipment — Include the cost of repairs and upkeep of farm machinery, vehicles, buildings, fences, and other equipment used in the farm business. Do not include repairs to vehicles not used in the farm business or for equipment used only for performing customwork for others. Do not include expenditures for the construction of new buildings or the cost of additions to existing buildings.

Interest Expense Paid on Debts — Report all interest expenses paid in 1987 for the farm business. Include interest on loans secured by land and buildings (real estate) in item 12a. Include all loans not secured by real estate such as for fertilizer, feed, and seed in item 12b. Include interest paid on CCC loans. Do not include interest associated with activities not related to production of crops or livestock on "this place" such as land or buildings rented to others, packing sheds, or feed mills that provide services to others. Do not include interest on owner/operator dwelling where amount is separated from interest on other land and buildings on "this place."

Cash Rent Paid for Land and Buildings In 1987 — Report rent paid in cash during 1987 for land and buildings in "this place." Do not include rent paid for operator dwelling or other nonfarm property. Do not include the value of shares of crops or livestock paid to landlords.

Property Taxes Paid — Include real estate property taxes you paid on the acres and buildings you operated and used in the farm business.

Do not include:

- e. Property taxes on land or buildings rented to someone else
- b. Taxes paid by landlords
- c. Property taxes paid on other property not associated with the farm business
- d. Income and excise taxes

All Other Production Expenses — Farm production costs not previously listed should be reported here. In addition to items listed on the report form, include bookkeeping charges, tax preparation fees, postage, advertising, commission for sale of cattle, and fees paid for farm-related advice or for farm consultants. Do not include depreciation or expenditures for the purchase of land and buildings or new or used machinery.

► Section 24 — COMMERCIAL FERTILIZER AND LIME

Report acres on which commercial fertilizer (items 1 and 2) or lime (item 3) was applied during 1987. If any acreage was fertilized or limed more than once, report acres ONLY ONCE in each item. Report expense for commercial fertilizer purchased, excluding lime, in section 23, item 4.

► Section 26 — MACHINERY AND EQUIPMENT

The estimated market value in item 1 refers to ALL machinery and equipment kept primarily on "this place" and used for the farm business. Report the value in its present condition, not the replacement or depreciated value. Specialized equipment, which is an integral part of a building, should be included as a part of the value of land and buildings.

► Section 27 — ESTIMATED CURRENT MARKET VALUE OF LAND AND BUILDINGS

The value for each of the three listed categories should be your estimate of the value of the land and buildings if they were sold in the current market. The real estate tax assessment value should not be used unless that value represents a full market value assessment and the land and buildings could reasonably be assumed to be sold at that price. Do not deduct real estate marketing charges from your estimate. Report the total value, not the value on a per acre basis.

► Section 28 — INCOME FROM FARM—RELATED SOURCES IN 1987

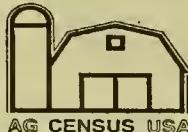
Item 1 through 4 refer only to those income producing activities for which you use part of the land, machinery, equipment, labor, or capital normally used on "this place," and which you do not consider as entirely separate from your farming activities. Report gross amounts received before taxes and expenses.

Item 1 — Customwork — Do not report income for customwork or agricultural services provided to others if operated as an entirely separate business from your agricultural operations.

Item 2 — Rental Income — Do not include rental income from nonfarm property.

Item 3 — Forest Products — Include only those forest products or Christmas trees cut from "this place," not items cut from other nonfarm timber acreage. Do not include income from saw mill business.

Item 4 — Other Farm-Related Income — Include income from hunting leases, fishing fees, and other recreational services, sales of farm by-products, and other business or income closely related to the agricultural operation on "this place." Include dividends for business done with farmer-owned cooperatives. Do not enter previously reported farm sales or income from investments not associated with the farm. Do not include retirement pensions or social security benefits received.

UNITED STATES
CENSUS
OF AGRICULTUREPlease complete this
form and RETURN TO:BUREAU OF THE CENSUS
1201 East Tenth Street
Jeffersonville, IN 47133

Note — If your records are not available, reasonable estimates may be used. If you cannot file by February 1, a time extension request may be sent to the above address. Include your 12-character Census File Number (CFN) as shown in your address label in all correspondence to us.

If you received more than one report form, enter extra Census File Numbers here and return extra copies with your completed report.

CENSUS USE ONLY	036	036	037	038
	039	040	041	042

OMB No. 0607-0534 Approval Expires September 30, 1988
THE CENSUS BUREAU IS CONFIDENTIAL. It may be seen only by sworn Census employees and may be used only for statistical purposes. Your report CANNOT be used for purposes of taxation, investigation, or regulation. The law also provides that copies retained in your files are immune from legal process.

In correspondence pertaining to this report, please refer to your Census File Number (CFN)

87-A0400

SECTION 1

1. At any time during 1987, did you plant, grow, or have any:
 • Hay or tobacco?
 • Corn, wheat, or other grains?
 • Other crops?
 • Fruit, nut, or citrus trees; grapevines?
 • Vegetables, melons, or berries?
 • Greenhouse or nursery crops?

 Yes No

2. At any time during 1987, did you raise, sell, or keep any:
 • Cattle, hogs, sheep, or goats?
 • Chickens or other poultry?
 • Bees?
 • Horses or ponies?
 • Fish in captivity?
 • Other animal specialties?

 Yes No

If you answered YES to EITHER of these questions, go to SECTION 2.
If you answered NO to BOTH of these questions, go to SECTION 10.

SECTION 2

ACREAGE IN 1987 Report land owned, rented, or used by you, your spouse, or by the partnership, corporation, or organization for which you are reporting. Include ALL LAND, REGARDLESS OF LOCATION OR USE — cropland, pastureland, rangeland, woodland, idle land, house lots, etc.

None Number of acres

1. All land owned 2. All land rented or leased FROM OTHERS, including land worked by you on shares, used rent free, in exchange for services, payment of taxes, etc. Include leased Federal, State, and railroad land. (DO NOT include land used on a per-head basis under a grazing permit.) 3. All land rented or leased TO OTHERS, including land worked on shares by others and land subleased. Also complete item 5 below.

4. Acres in "THIS PLACE" — ADD acres owned (item 1) and acres rented (item 2), then SUBTRACT acres rented TO OTHERS (item 3), and enter the result in this space.

If the entry is zero please refer to the Information Sheet, section 2.

5. Of the land you rented or leased to others, how many acres did you own? None 063 Acres

6. In what county was the largest value of your agricultural products raised or produced? County name State

SECTION 3

LAND USE and IRRIGATION

• PART A — How were the ACRES in this place used in 1987?

None Number of acres

1. Cropland harvested — Include all land from which crops were harvested or hay was cut, and all land in orchards, citrus groves, vineyards, and nursery and greenhouse crops. 2. Cropland on which all crops failed — (Exception: Do not report here land in orchards and vineyards on which the crop failed.) 3. Cropland idle, cropland used for cover crops, or cropland in cultivated summer fallow. 4. Cropland used only for pasture, woodland pastured, and other pastureland and rangeland. 5. All other woodland, wasteland, houseslots, etc. not reported in items 1 through 4 above.

• PART B — IRRIGATION

None Number of acres irrigated

1. How many acres of harvested land were irrigated? Include land from which hay was cut and land in bearing and nonbearing fruit and nut crops. 2. How many acres of pastureland, rangeland, and any other lands not included in item 1 above were irrigated?

PENALTY FOR FAILURE TO REPORT

Please correct errors in name, address, and ZIP Code. ENTER street and number if not shown.

SECTION 4

• PART A — CROPS HARVESTED from "THIS PLACE" in 1987.
(Do not include crops grown on land rented to others.)

1. Hay crops —	None	Acres harvested	Quantity harvested	Gross value of crops sold
a. Alfalfa and alfalfa mixtures	Tons, dry	\$	Cents
103	104	702	\$	00
106	107	702	\$	00
112	113	702	\$	00
108	110	702	\$	00
067	068	773	\$	00
066	068	776	\$	00
073	074	774	\$	00
084	085	701	\$	00
087	088	706	\$	00
			Cwt.	\$

7. All vegetables for sale	None	Total acres	Dollars	Cents
(Do not include those grown for home use.)	376	703	00
Specify kind(s) {		/10	\$	00

8. All fruit and nut orchards, vineyards, and berries	None	Total acres	Quantity harvested	Dollars	Cents
vineyards, and berries	121	/10	784	00
Specify kind(s) {		/10	Lbs.	\$	00

9. Other crops — For additional crops, enter the crop name and code from the list below. Report quantity harvested in the unit specified with crop name.

Crop name	Code	Acres harvested	Quantity harvested	Gross value of crops sold
				Dollars
		1	1	00
		1	2	00
		1	3	00

If more space is needed, use a separate sheet of paper.

Crop name	Code	Crop name	Code
Barley for grain (bushele)	078	Date for grain (bushele)	076
Corn for silage or green chop (tons, green)	070	Sorghum for grain-milo (bushele)	082
Cotton (bales)	091	Other crops (pounds) — Specify	782

• PART B — NURSERY and GREENHOUSE CROPS GROWN FOR SALE on "THIS PLACE" in 1987

From the list below, enter the crop name and code for each crop grown.

Crop name	Code	Square feet under glass or other protection	Acres in the open	Sales in 1987		
			in 1987			
			Whole acres	Tenths	Dollars	Cents
			1	2	00	
				/10	\$	00

If more space is needed, use a separate sheet of paper.

Crop name	Code	Crop name	Code
Bedding plants (include vegetable plants)	479	Potted flowering plants	710
Cut flowers and cut florist greens	488	Foliage plants	707
Nursery crops — ornamentals, fruit end nut trees, and vines	488	Greenhouse vegetables	503
		Other — Specify	506

CONTINUE ON REVERSE SIDE

SECTION 1 LIVESTOCK and POULTRY
PART A - CATTLE and CALVES

		INVENTORY Number on this place Dec. 31, 1987	
None		603	Total
		604	Beef cows
		605	Milk cows

		Gross value of sales	
None		Dollars	Cents
2. Value of DAIRY PRODUCTS sold in 1987 - Include milk, cream, butter, etc.		614	
		\$	00

CATTLE and CALVES SOLD

FROM THIS PLACE IN 1987
Include as sold cattle moved from
this place to a feedlot for further
feeding.

		Number sold in 1987		Gross value of sales	
None		Dollars	Cents	Dollars	Cents
606		606		\$	00
610		611		\$	00
612		613		\$	00

PART B - HOGS and PIGS

		INVENTORY Number on this place Dec. 31, 1987	
None		616	Total
		616	Breeding

		Number sold in 1987		Gross value of sales	
None		Dollars	Cents	Dollars	Cents
620		621		\$	00
622		623		\$	00

PART C - SHEEP and LAMBS

		INVENTORY Number on this place Dec. 31, 1987		NUMBER SOLD In 1987	
None		624	626		
		626			

		Gross value of sales	
None		Dollars	Cents
3. What was the gross value of sales of SHEEP, LAMBS, and WOOL from this place in 1987?		\$	00

		INVENTORY Number on this place Dec. 31, 1987		Number sold in 1987	
None		627	628		
		628			

		Gross value of sales	
None		Dollars	Cents
3. What was the gross value of sales of SHEEP, LAMBS, and WOOL from this place in 1987?		\$	00

		INVENTORY Number on this place Dec. 31, 1987		Number sold in 1987	
None		692	693		
		694	695		
		695			

		Gross value of sales	
None		Dollars	Cents
5. Value of POULTRY and POULTRY PRODUCTS (eggs, etc.) sold from this place in 1987?		\$	00

PART E - HORSES, OTHER LIVESTOCK, ANIMAL SPECIALTIES, and FISH

		INVENTORY Number on this place Dec. 31, 1987		Total quantity sold in 1987		Gross value of sales	
None		Dollars	Cents	Dollars	Cents	Dollars	Cents
1. Horses and ponies of all ages		631		632		\$	00
		630		631		Number	
2. Colonies of bees		640		641		642	
		643		644		Pounds	
3. Milk goats		645		646		honey	
		647		648		Number	
4. Angora goats		649		650		Gallons	
5. Other livestock, fish, animal products. (Enter name/code from below.)		651		652		milk	
		653		654		Pounds	
		655		656		moher	
		657		658		Quantity	
		659		660		\$	00

SECTION 6 GOVERNMENT CCC LOANS

Amount received in 1987 from Government CCC loans. Include regular and reserve loans, even if redeemed or forfeited.

		Name/Code		Name/Code	
None		Mules, burros, donkeys	833	Rabbits and their kits	834
		Mink and their pelts	839	Other goats	851
				Other livestock, fish, and their products	
				857	

SECTION 7 PAYMENTS RECEIVED FOR PARTICIPATION IN FEDERAL FARM PROGRAMS

Payments received for participation in FEDERAL FARM PROGRAMS in 1987 (DO NOT INCLUDE CCC loans.)

		Name		Dollars		Cents	
None		864		865		\$	00

1. Amount received in cash
2. Value of certificates received — payment-in-kind (PIK) or commodity certificates

SECTION 8 ACRES SET ASIDE, DIVERTED, OR IDLED

FEDERAL acreage reduction programs in 1987

		Name		Number of acres	
None		862		863	

1. How many acres were set aside (or diverted) under ANNUAL commodity acreage adjustment programs?
2. How many acres were under the CONSERVATION RESERVE PROGRAM (10 year, CRP)?

SECTION 9 CHARACTERISTICS AND OCCUPATION OF OPERATOR

(Senior partner or person in charge)

1. RESIDENCE — Does the operator live on this place?

2. PRINCIPAL OCCUPATION — At which occupation did the operator spend the majority (50 percent or more) of his/her worktime in 1987? For partnerships consider all members of the partnership together.

3. OFF-FARM WORK — How many days did the operator work at least 4 hours per day off this place in 1987? — Include work at a nonfarm job, business, or on someone else's farm for pay. (Do not include exchange farmwork.)

4. In what YEAR did the operator begin to operate any part of this place?

5. AGE of operator

6. RACE of operator

7. SEX of operator

8. SPANISH ORIGIN — Is the operator of Spanish origin or descent (Mexican, Puerto Rican, Cuban, or other Spanish)?

SECTION 10 PERSON COMPLETING THIS REPORT

Please print

Name		Date	
------	--	------	--

Telephone number	Area code	Number
------------------	-----------	--------

INFORMATION SHEET

1987 UNITED STATES CENSUS OF AGRICULTURE

Special Reporting Instructions

1. Who Should Report

WE NEED A REPLY FROM EVERYONE RECEIVING A REPORT FORM, INCLUDING individuals, landlords, tenants, partnerships, corporations, institutions, and THOSE NOT CONDUCTING AGRICULTURAL OPERATIONS. Each case included in the census has a unique Census File Number (CFN). In order to make the census results as complete and accurate as possible, we need to obtain information about every CFN.

2. If You Received More Than One Report Form for an Operation

Complete only ONE report form for an operation. Write "Duplicate" near the address label of each extra report form. Also, write the 11-digit census file number(s) of the DUPLICATE report(s) ON THE COMPLETED REPORT in the space provided to the left of the address label. Return the extra report(s) in the same envelope with your completed report form so that we can correct our records.

3. If You No Longer Farm

If you had agricultural operations at any time during 1987, please report all agricultural activity during the year. Report all land on your census form that you owned or rented. Also, report your 1987 crop and livestock production and 1987 sales.

Explain on the first page of the report form (or on a separate sheet of paper) that you quit farming or ranching and give the approximate date and the name and address of the present operator, if known.

4. If You Never Farmed or Have No Association With Agriculture

Please write a note on the report form near the address label explaining this and return the form so that we can correct our records. In our efforts to make the census as complete as possible, we obtained lists from various sources. We tried to eliminate duplicate and nonfarm addresses, however, it was not always possible to do so.

5. If You Have More Than One Agricultural Operation

Complete a report form for EACH SEPARATE and DISTINCT production unit, i.e., each individual farm, ranch, feedlot, greenhouse, etc., or combination of farms, etc., for which you maintain SEPARATE records of operating expenses and sales, livestock and other inventories, crop acreages, and production.

6. If You Have a Partnership Operation

Complete only ONE report for the entire partnership's agricultural operation and include all partners' shares on the one report. If members of the partnership also operate separate farms or ranches in addition to the partnership farming operation, separate report forms should be completed for each individual operation.

If two or more report forms were received for the same operation, mark each additional form as a "Duplicate." Return the duplicate report(s) in the same envelope with the completed partnership report, where possible, or write a note on the duplicate report, such as, "(Name of partner) has completed a report for the partnership (provide name and CFN of partnership.)"

7. Landlord's or Contractor's Share

If you rented or leased land from others or had a contract for the production of agricultural products, include both your share and the landlord's or contractor's share of the production, sales, and expenses so your census report form will be complete for "THIS PLACE."

If you do not know the landlord's or contractor's share, include your BEST ESTIMATE. If you do not have records available for all data items, use your best estimate.

8. How to Enter Your Response

Enter your replies in the proper spaces, on the correct lines, and in the units requested, i.e., dollars, bushels, tons, etc. Write any explanation outside the answer spaces or on a separate sheet of paper. All dollar figures may be entered in whole dollars. CENTS ARE NOT REQUIRED.

Enter whole numbers except where tenths are requested, such as acres of potatoes harvested. If you have 1/2, 1/3, or 1/4 of an acre, convert to tenths. For example, convert 1/2 to 5/10, 1/3 to 3/10, 1/4 to 2/10.

The census report form will contain sections and questions which do not apply to you. When this occurs, mark the "None" or "No" box and go on to the next item or section.

Instructions For Specified Sections

► Section 2 — ACREAGE IN 1987

Your answers to this section will determine the land (Acres in "THIS PLACE") referred to in the rest of the report form.

When answering the acreage questions, include the land associated with your agricultural operations in 1987 whether in production or not. Include all land that you owned or rented during 1987 even if only for part of the year. Do not include any unrelated residential or commercial land.

Report all land in section 2 in whole acres.

Item 1 — All Land Owned — Report all land owned in 1987 whether held under title, purchased contract or mortgage, homestead law, or as heir or trustee of an undivided estate. Include all land owned by you and/or your spouse, or by the partnership, corporation, or organization for which you are reporting.

Item 2 — All Land Rented or Leased FROM OTHERS — Report all land rented by you or your operation even though the landlord may have supplied materials or supervision.

INCLUDE in Item 2:

- a. Land for agricultural use that you rented from others for cash
- b. Land you worked on a share basis (crop or livestock)
- c. Land owned by someone else that you used rent-free
- d. Federal, State, Indian reservation, or railroad land rented or leased by the acre

DO NOT INCLUDE in Item 2:

Land used on a per-head or animal unit license or permit basis, such as section 3 of the Taylor Grazing Act, National Forest, or Indian reservation permit land.

Item 3 — All Land Rented or Leased TO OTHERS — Include all land rented out for any purpose if it was part of the acreage reported in items 1 and 2. A report form will be obtained from each of your tenants to cover the operations on that land.

INCLUDE in Item 3:

- a. Owned land rented to others for cash or a share of crops or livestock
- b. Land you rented from someone and then subleased to someone else
- c. Land worked for you by someone for a share of crops or livestock
- d. Land which you allowed others to use rent-free

Item 4 — Acres In "THIS PLACE" — This figure will show the total of all land you operated at any time in 1987.

If item 4, Acres in "THIS PLACE" is "0" and:

- e. You raised any crops or had any livestock or poultry on "THIS PLACE" in 1987, complete the report.
- b. All your land was operated by a renter or shercropper, skip to and complete section 10, and explain briefly, "All land rented out," etc. Mail form in return envelope.
- c. You did not have any agricultural activity on owned or rented land in 1987, complete section 10 and explain briefly, such as "retired," "sold farm," and date. Give name and address of current operator if known and return form.

► Section 3 — LAND USE AND IRRIGATION

This section is used to classify the acres in "THIS PLACE" reported in section 2, item 4. Do not include any acres you rented to others reported in section 2, item 3. The sum of the acres entered in various categories should equal total acres in "THIS PLACE."

Land Used for More Than One Purpose — Do not report the same acreage for more than one of the listed purposes. If part or all of your land was used for more than one listed purpose in 1987, report that land only in the first category listed. For example, if you harvested a crop and later used the same land for pasture, report the land in part A, item 1, "Cropland harvested."

Double Cropping — When more than one crop was harvested from the same land in 1987, report that land only ONCE as "Cropland harvested," in part A, item 1 of this section.

Interplanted Crops — If you interplanted crops, such as cotton in an orchard, report the total land used for both crops only ONCE, as "Cropland harvested," in part A, item 1.

Skip Row Planted Crops — Report the acres that represent the total nonplanted or skipped rows as "Cropland idle," part A, item 3, the acres that represent the planted rows should be reported as "Cropland harvested," part A, item 1.

Irrigation is defined as land watered by artificial or controlled means — sprinklers, furrows or ditches, spreader dikes, purposeful flooding, etc. Include acreage that receives supplemental, partial, and/or preplant irrigation. Do not report water applied in transplanting tobacco plants, trees, or vegetables as irrigation.

► Section 4 — CROPS

This section provides space for reporting crops harvested during the 1987 crop year from the land shown in section 2, item 4 ("Acres in "THIS PLACE") of your report. A few crops are already listed on the form. For these crops, just report acres harvested, quantity harvested, and value of sales. If you produced crops not listed, write the name of the crop and code from the list provided and report the acres harvested, quantity harvested, and the value of sales.

DO NOT INCLUDE:

- a. Any crops grown on land rented or leased TO OTHERS, or worked by others on shares during 1987.
- b. Crops or crop products purchased from others and later sold.

Acres Harvested — Enter the acres harvested in 1987. Round fractions to whole acres except where tenths are requested by "/10" in the reporting box, such as potatoes.

Quantity Harvested — If your unit of measure is different than the unit on the report form, please convert your figure for the quantity harvested to the unit requested. If the harvest was incomplete by December 31, 1987, please report the quantity harvested and the estimated quantity to be harvested.

Gross Value of Crops Sold — Report the value of all crops sold from "THIS PLACE" in 1987, regardless of the year they were harvested or who owned the land. Be sure to report gross value before deducting expenses and taxes. Include Government CCC loans received for "THIS PLACE" in 1987. Include payments received in 1987 from cooperatives or marketing organizations for crops produced on "THIS PLACE."

Item 7 — Vegetables — Report acres of vegetables harvested FOR SALE or commercial processing. Do not include vegetables grown for home use. Report the total acreage of each vegetable crop harvested.

Item 8 — Fruit Orchards, Citrus, Vineyards, and Nut Trees — Report only if total of 20 or more trees and vines. Include those for home use as well as those maintained for sale of their production. Acres in trees and vines that have been abandoned should not be included; these acres should be included in section 3, part A, item 3 "Cropland idle."

If crops other than fruit and nut trees and vines were interplanted with trees or vines, report the total acres for the orchard crop in item 8 and the total acres of the interplanted crop in the appropriate item.

Item 9 — Other Crops — To report: (1) find the crop name and the code number from the list under item 9; (2) enter crop name and code in the first two columns of the first available answer line under item 9; (3) enter the information that is requested in the remaining columns. If you harvested a crop not listed, use the "OTHER" code and specify the crop name. If you need additional space, use a separate sheet of paper to write the crop name(s), acres and quantity harvested, and gross value of crop(s) sold.

► Section 5 — LIVESTOCK, POULTRY, OTHER LIVESTOCK, OR ANIMAL SPECIALTIES

Parts A, B, C, and D — LIVESTOCK AND POULTRY

Animals and Poultry to Include In the Report — Report all animals, poultry, and animal specialties on "this place" (section 2, item 4) on December 31, 1987. Include all owned by you and any kept by you for others. Include animals on unfenced lands, National Forest land, district land, cooperative grazing association land, or rangeland administered by the Bureau of Land Management on a per-head or lease basis. Animals in transit on December 31, 1987, or animals on a short-term pasture (such as wheat pasture or crop residue) on a per-head or lease basis should be reported by the person who had control of the animals.

Animals and Poultry to Exclude from the Report — Do not report animals or poultry kept on land rented to others or kept under a share arrangement on land rented to others. Do not include animals quartered in feedlots which are not a part of "this place." Animals kept on a place not operated by you are to be included on the report for that place.

Animals Bought and Sold — DO NOT REPORT ANY ANIMALS BOUGHT AND THEN RESOLD WITHIN 30 DAYS. Such purchases and sales are considered "dealer" transactions, and are not included in this census.

Number Sold — Report all animals and poultry sold or removed from "this place" in 1987, without regard to ownership or who shared in the receipts. Include animals sold for a landlord or given to a landlord or others in trade or in payment for goods or services. Do NOT report number sold for any livestock or poultry kept on another place.

Dairy Termination Program or "Whole-Herd Dairy Buy-Out Program" — The amount received in 1987 from the Government under the dairy termination program should be included in section 7, item 1. Dairy cattle and calves sold should be reported in section 6, part A.

Animals Moved to Another Place — For animals moved from "this place" to another place, such as for further feeding, report animals as "sold" and give your best estimate of their market value when they left "this place."

Fat Cattle Sold — Cattle fattened on grain or concentrates for 30 days or more and sold for slaughter are reported in section 5, part A, item 4a.

DO NOT INCLUDE WITH FATTENED CATTLE SOLD:

- a. Cattle and calves sold for further feeding
- b. Dairy cows fed only the usual dairy ration before being sold
- c. Veal calves, or any calves weighing less than 500 pounds

Value of Sales — Report the total gross value of animals and poultry sold or removed from "this place" in 1987 without deducting production or marketing expenses (cost of feed, cost of livestock purchase, cost of hauling and selling, etc.). If the sale price or market value is not known, give your best estimate of their market value when they left "this place." Do NOT report the value of sales of any livestock and poultry owned by you but kept and sold from a place you did not operate.

Contract and Custom Feeding Operations — Livestock or poultry kept by you on "this place" on a contract or custom basis should be included on this report REGARDLESS OF OWNERSHIP. Report as "INVENTORY" numbers of animals or poultry on the place on December 31, 1987. Report as "SOLD" animals and poultry kept on a contract or custom basis and removed or sold from the place in 1987. If the sale price or market value is not known, give your best estimate of the market value of the animals or poultry when they left the place.

The person who furnished the housing and labor should report the poultry operation on his/her report form regardless of who owned the birds. Report as sold the number of poultry that were taken or moved from the place in 1987.

Part E — HORSES, OTHER LIVESTOCK, ANIMAL SPECIALTIES, AND FISH

If you owned BEES — Report all colonies or hives of bees and honey operations conducted by you, regardless of where the hives were kept most of the year. Report hives or colonies, pounds of honey sold, and value of sales.

Other Livestock and Livestock Products — Include in all other livestock and livestock products manure, beeswax, and any other animal products sold from "this place" in 1987. Mink pelts and rabbit pelts should be included in number sold and value of sales, but not in inventory.

Fish and Other Aquaculture Products — Report quantity sold and gross value of sales for each.

► Section 6 — AMOUNT RECEIVED FROM GOVERNMENT CCC LOANS

Item 1 — Report the amount received under the regular or reserve program for commodities placed under CCC loan during 1987. Include amount received even if commodity was redeemed or forfeited prior to December 31, 1987.

Do not include CCC loans received to build crop storage facilities or amount received for storage payments in the reserve program.

► Section 7 — FEDERAL PAYMENTS RECEIVED

Report all payments received from Federal Farm Programs in 1987 regardless of whether payment was made in cash or commodity certificates. Include cash payments in item 1. In item 2, include the value of any certificates held or the value received from sale or redemption of any certificates in 1987.

Federal payments include receipts from Federal programs such as deficiency payments, "Whole-Herd Dairy Buy-Out," support price payments, indemnity programs, disaster payments, paid land diversion, inventory reduction payments, payments received for approved soil and water conservation projects, etc.

► Section 8 — ACRES SET ASIDE, DIVERTED, OR HELD UNDER FEDERAL ACREAGE REDUCTION PROGRAMS IN 1987

Include in item 2 all acres in "this place" retired from production and placed, by long-term contract, into the Conservation Reserve Program. Acres placed into the program during and prior to 1987 should be included.

► Section 9 — CHARACTERISTICS AND OCCUPATION OF OPERATOR

This section collects information about the operator of "this place" defined as the individual owner, the operator, the senior partner, or person in charge.

For Family or Individual Operation — Complete this section for the operator.

For Partnership Operations — Answer all items, except item 2, for the "Senior Partner." The "Senior Partner" is the individual who is mainly responsible for the agricultural operations on "this place," not necessarily the person senior in age. If each partner shares equally in the day-to-day management decisions, consider the oldest as the "Senior Partner." For item 2 (Principal Occupation) consider all members of the partnership together. Please include as "farming or ranching" worktime at all types of agricultural enterprises, including work at greenhouses, nurseries, mushroom production, ranching, feedlots, broiler feeding, etc.

For Corporation and Other Operations (Cooperatives, Estates, etc.) — Complete section 9 for the person in charge, such as a hired manager, business manager, or other person primarily responsible for the on-site, day-to-day operation of the farm or ranch business.

Item 4 — Year Began Operation — Report the first year the operator or senior partner began to operate any part of "this place" on a continuous basis. If the operator returned to a place previously operated, report the year operations were resumed.

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Beans, soybeans.....	1,42-44,48-53	1,15,16,25	Chinese cabbage	-	27
Bedding plants	46	30	Chinese or ming peas ..	-	27
Beef cows	1,20,25,29,48-53	1,11,16	Christmas trees and forest products sales, farm-related income ...	5,48-53	4
Bees, colonies	41	20	Citrus fruit	45,48-53	28
Beets, sugar.....	42-44,48-53	1,15,16,25	Clover seed	-	26
Beets, table	-	27	Coffee	45	28
Bentgrass seed	-	26	Collards.....	-	27
Bermuda grass seed....	-	26	Colonies of bees	41	20
Berries	42,44,48-53	29	Combines, grain and bean, all types	13,48-53	16
Birdsfoot trefoil seed ...	-	26			
Blackberries	-	29			
Black operators and other races	16,17,48-53	32-34			
Blueberries	44	29			

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(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables	Item	State tables	County tables
C—Con.			D		
Commercially mixed formula feed purchased..	1,3,48-53	3,16	Daikon	-	27
Commodity Credit Corporation loans.....	6,10,48-53	4	Dairy cows (milk cows)	1,10,20,25,30,47, 48-53	1,11,16
Conservation reserve programs	7,10,48-53	5	Dairy products sales, value.....	2,47,48-53	2,11,16
Contract labor expenses	3,10,48-53	3,16	Dates	-	28
Corn, field	1,42-44,48-53	1,15,16, 24,31	Dewberries	-	29
Corn for grain sales, value.....	2,48-53	2,16	Diesel fuel expenses	14,48-53	3
Corn, sweet	44,48-53	27	Dill for oil	-	31
Corn, sweet, for seed..	-	31	Disease control in crops and orchards.....	15,48-53	9
Corporation, family held.....	16,48-53	10,16	Donkeys, burros, and mules.....	41	23
Corporation, nonfamily held	16,48-53	10,16	Ducks	-	14,22
Corporation, type of organization.....	1,16,48-53	-	Ducks, geese, and other poultry	21	14,22
Cotton	1,42,44,47,48-53	1,15,16,25	E		
Cotton sales, value	2,47,48-53	2,16	Eggplant	-	27
Cottonpickers and strippers	13,48-53	8	Electricity expenses.....	10,47,48-53	3
Cowpeas for dry peas ..	-	25	Emmer and spelt.....	-	24
Cowpeas, green.....	-	27	Endive	-	27
Cows and heifers that had calved	20,25,48-53	11,16	Equipment and machinery	1,10,12,18,47,48-53	1,8,16
Cranberries	44	29	Escarole	-	27
Cropland diverted, set aside.....	7,10,48-53	5	Ewes 1 year old or older	38	13
Cropland for cover crops, legumes, and soil-improvement grasses..	7,48-53	5	Expenses, farm production	1,3,10,47,48-53	1,3,16
Cropland harvested....	1,7,8,10,16,18,42, 47,48-53	1,3,5,6, 10,15,16	F		
Cropland harvested, irrigated.....	8-10	7	Family held corporations	48-53	10,16
Cropland idle	7,48-53	5	Family or individual, type of organization ...	1,16,48-53	10,16
Cropland in cultivated summer fallow	7,48-53	5	Farm-related income	5,48-53	4
Cropland on which all crops failed.....	7,48-53	5	Farms by age and principal occupation of operator	16,48-53	10,16
Cropland pastured	7,48-53	5	Farms by size of farm	8,47,48-53	6,16
Cropland total	1,7,10,47,48-53	1,5,16	Farms by standard industrial classification	18,48-53	16
Crops, farms reporting, acres, production	42	15,16	Farms by tenure of operator	16,48-53	10,16
Cucumbers	44	27	Farms by type of organization	1,16,48-53	10,16
Currants	-	29	Farms by value of agricultural products sold	1,2,10,18,47,48-53	1,2,16
Customwork, machine hire, and rental of machinery and equipment, expenses.....	3,10,48-53	3,16	Farms, number	1,7,8,10,16,18,47, 48-53	1,5,10,16
Customwork and other agricultural services, farm-related income ...	5,48-53	16	Fattened cattle sales	26,29,31,48-53	11,16
			Feed purchased.....	1,3,47,48-53	3,16

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(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables	Item	State tables	County tables
F—Con.			G—Con.		
Feeder pigs sales.....	20,33,35–37,48–53	12	Grapes.....	45,48–53	28
Female operators.....	16,17,48–53	10	Grass silage, haylage, and green chop hay....	43,44	26
Fertilizer applied.....	15,48–53	9	Grazing permits.....	—	36
Fertilizer expenses.....	3,10,15,47,48–53	3,16	Grease, LP gas, fuel oil, kerosene, motor oil, etc., expenses.....	14,48–53	3
Fescue seed.....	44	26	Greenhouse crops.....	42,46	30
Field seed crops.....	44,48–53	26	Greenhouse vegetables	46	30
Figs.....	—	28	Guar.....	—	31
Filberts.....	45	28	Guavas.....	45	28
Fish sales.....	41	21	H		
Flaxseed.....	42,44,48–53	24	Hatcheries.....	—	22
Florist greens and flowers, cut.....	46	30	Hay crops.....	1,42–44,48–53	1,15,16,26
Flower and vegetable seeds.....	46	30	Hay, silage, and field seeds sales, value.....	2,47,48–53	2,16
Flowering plants, potted.....	46	30	Haylage, grass silage, and green chop hay.....	43,44	26
Flowers and florist greens, cut.....	46	30	Hazelnuts.....	45	28
Foliage plants.....	46	30	Heifers and heifer calves.....	20,25,48–53	11,16
Forest products and Christmas trees sales, farm-related income ...	5,48–53	4	Hens and pullets of laying age.....	20,21,48–53	14,16
Foxtail millet seed.....	—	26	Herbs.....	—	31
Fruit crops.....	45	15,16,28	Hired farm labor expenses.....	3,10,47,48–53	3,16
Fruits, nuts, and berries sales, value.....	2,47,48–53	2,16	Hogs and pigs.....	1,10,20,32,35,47, 48–53	1,12,16
Fuel oil, kerosene, motor oil, grease, LP gas, etc., expenses.....	14,48–53	3	Hogs and pigs sales, value.....	2,20,33,36,47,48–53	2,12,16
Full owners.....	16,48–53	10,16	Hogs, litters farrowed...	34,37,48–53	12
G			Honey sales.....	41	20
Garlic.....	—	27	Honey tangerines.....	—	28
Gas, natural, expenses.	14,48–53	3	Honeydew melons.....	—	27
Gasoline and other petroleum fuel and oil expenses.....	14,48–53	3,16	Hops.....	44	31
Gasoline expenses.....	14,48–53	3	Horses and ponies.....	20,41,48–53	13
Geese.....	—	22	I		
Geese, ducks, and other poultry.....	41	14,22	Income from farm-related sources.....	5,48–53	10
Ginger root.....	—	31	Income, see net cash return.....	4,48–53	4
Goat milk sales.....	41	17	Individual or family, type of organization.....	1,16,48–53	10,16
Goats.....	41,48–53	23	Insects, chemical control.....	15,48–53	9
Goats, Angora.....	41	23	Interest, debt not secured by real estate.....	3,48–53	3
Goats, milk.....	41	17	Interest, debt secured by real estate.....	3,48–53	3
Goats, other.....	41	23	Interest expenses.....	1,3,10,47,48–53	3,16
Government farm programs payments ...	5,10,47,48–53	4			
Grain hay.....	43,44	26			
Grain sales, value.....	2,47,48–53	2,16			
Grains.....	44,48–53	16			
Grapefruit.....	45	28			

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(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables	Item	State tables	County tables
I—Con.			M		
Irish potatoes.....	1,42-44,48-53	1,15,16,25	Macadamia nuts	45	28
Irrigated farms and acres	1,8-10	1,7	Machine hire, rental of machinery and equip- ment, and customwork expenses.....	3,10,48-53	3,16
J			Machinery and equipment.....	1,10,12,18,47,48-53	1,8,16
Jojoba	-	31	Male operators.....	16,17,48-53	10
K			Mangoes.....	-	28
Kale.....	-	27	Melons.....	-	27
Kentucky bluegrass seed	44	26	Milk cows (dairy cows) .	1,10,20,25,30,47, 48-53	1,11,16
Kerosene, motor oil, grease, LP gas, fuel oil, etc., expenses	14,48-53	3	Milk goats	41	17
Kiwifruit	-	28	Millet, proso	44	24
Kumquats.....	-	28	Millet seed, foxtail.....	-	26
L			Mink and their pelts.....	41	19
Labor expenses.....	1,3,10,47,48-53	3,16	Mint for oil.....	44	31
Land and buildings, value.....	1,10,11,47,48-53	5,16	Mohair sales.....	41	18
Land in farms	1,7,8,10,16,18,47, 48-53	1,5,10,16	Motor oil, grease, LP gas, fuel oil, kerosene, etc., expenses	14,48-53	3
Land owned	10,48-53	-	Motortrucks, including pickups	13,48-53	8,16
Land rented from others	48-53	-	Mower conditioners.....	13,48-53	8
Land rented to others ..	48-53	-	Mules, burros, and donkeys	41	23
Land set aside in federal farm programs	7,10,48-53	-	Mungbeans for beans ..	-	31
Land use	7,8,10,47,48-53	1	Mushrooms.....	46	30
Lemons.....	45	28	Mustard cabbage	-	27
Lentils.....	44	25	Mustard greens	-	27
Lespedeza seed	-	26	Mustard seed.....	-	24
Lettuce and romaine....	44	27	N		
Lima beans, dry.....	-	25	Natural gas expenses ..	14,48-53	3
Lima beans, green.....	-	27	Nectarines.....	-	28
Lime applied.....	15,48-53	9	Nematode control in crops	15,48-53	9
Limes	-	28	Net cash return from agricultural sales.....	4,48-53	4
Litters farrowed	34,37,48-53	12	Nonfamily held corporations.....	16,48-53	10,16
Livestock and livestock products sold	20	-	Number of farms.....	1,7,8,10,16,18,47, 48-53	1,5,10,16
Livestock and poultry	20	1,16	Nursery and greenhouse crops	42,46	30
Livestock and poultry purchased.....	1,3,10,47,48-53	3,16	Nursery and greenhouse crops sales, value	2,42,46,47,48-53	2,16,30
Livestock, poultry, and their products sales, value.....	1,2,10,18,20,47	1,2,16	Nursery crops-shrubs, trees, etc.	46	30
Loans, Commodity Credit Corporation.....	6,10,48-53	4	O		
Loganberries	-	29	Oat sales, value.....	2,48-53	2,16
Lotus root	-	31	Oats for grain	1,42-44,48-53	1,15,16,24
LP gas, fuel oil, kerosene, motor oil, grease, etc., expenses	14,48-53	3	Occupation of operator.	1,16,48-53	1,10,16

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(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables	Item	State tables	County tables
O—Con.			P—Con.		
Off-farm work by operator	1,16,48-53	1,10,16	Pimientos	—	27
Okra	—	27	Pineapples	1,42,44,48-53	1,15,16,31
Olives	—	28	Pistachios	—	28
Onions, dry and green..	44	27	Plums	,45	28
Operator characteristics—residence, age, race, occupation, off-farm work, sex, Spanish origin, years on present farm	16,17,48-53	10,16	Pomegranates	—	28
Oranges	45	28	Ponies and horses	20,41,48-53	13
Orchardgrass seed	—	26	Popcorn	44	24
Orchards.....	1,42-44,48-53	1,15,16,28	Potatoes, Irish	1,42-44,48-53	1,15,16,25
Organization of farm....	1,16,48-53	10,16	Potatoes, sweet	42,44,48-53	25
Other farm production expenses	5,48-53	3,16	Poultry and poultry products sales, value..	2,20,48-53	2,16
Other field crops sales, value.....	2,48-53	2,16	Poultry hatched	—	22
Other grains sales, value	2,48-53	2,16	Principal occupation of operator	1,16,48-53	1,10,16
Other livestock and live-stock products sales, value.....	2,47,48-53	2,16	Production expenses	1,3,10,47,48-53	1,3,16
Other poultry	—	22	Property taxes, expenses	3,10,48-53	3,16
Owned land	10,48-53	—	Proso millet	44	24
P			Prunes	45	28
Papayas	45	28	Pullets	22	14
Parsley.....	—	27	Pumpkins	—	27
Part owners	16,48-53	10,16	Q		
Partnership, type of organization	1,16,48-53	10,16	Quail	—	22
Passion fruit	—	28	R		
Pastureland and grazing land.....	7,48-53	5	Rabbits and their pelts	41	23
Pastureland and other land irrigated	9	7	Race of operator	16,48-53	34
Payroll expenses.....	1,3,10,47,48-53	3,16	Radishes	—	27
Peaches	45,48-53	28	Rangeland	7,48-53	5
Peanuts for nuts	42-44,48-53	1,15,16,25	Rapeseed	—	31
Pears	45	28	Raspberries	44	29
Peas, Austrian winter	—	26	Redtop seed	—	26
Peas, Chinese or ming	—	27	Rent paid in cash, expenses	3,10,48-53	3,16
Peas, dry edible.....	44	25	Rent received, farm-related income	5,48-53	4
Peas, green	44,48-53	27	Repair and maintenance expenses	3,10,48-53	3,16
Pecans.....	45,48-53	28,	Residence of operator	16,48-53	10,16
Peppers.....	—	27	Rhubarb	—	27
Persimmons	—	28	Rice	1,42-44,48-53	1,15,16,24
Petroleum products expenses	3,10,14,48-53	3,16	Romaine and lettuce	44	27
Pheasants	—	22	Rye for grain	42,44	24
Pickup balers.....	13,48-53	8	Ryegrass seed	44	26
Pigeons or squab	—	22	S		
			Safflower	—	24
			Sales of agricultural products	1,2,10,18,47,48-53	1,2,16

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(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables	Item	State tables	County tables
S—Con.			T—Con.		
Salt hay.....		—	31 Tenure of operator.....	16,48-53	10,16
Seeds, bulbs, plants, and trees purchased	3,10,48-53		Timothy seed.....	—	26
Set aside programs, acreage.....	7,10,48-53		3 Tobacco	1,42-44,48-53	1,15,16,25
Sex of operator	16,17,48-53		5 Tobacco sales, value	2,47,48-53	2,16
Shallots.....	—		10 Tomatoes.....	44,48-53	27
Sheep and lambs	10,20,38,39,48-53	1,13,16	27 Tractors, wheel.....	13,48-53	8,16
Sheep and lambs shorn	38,48-53	13	27 Triticale	—	24
Sheep, lambs, and wool sales, value	2,20,38,47,48-53	2,13,16	Trout sales	—	21
Size of farm, average...	1,48-53	1,16	Trucks, including pickups	13,48-53	8,16
Small grain hay	43,44	26	Turkeys	20,21,24,48-53	14
Snap beans, bush and pole.....	44,48-53	27	Turnip greens	—	27
Sod	46	30	Turnips.....	—	27
Sorghum.....	1,42-44,48-53	1,15,16,24 26,31	Type of farm	18,48-53	16
Sorghum for grain sales, value.....	2,48-53	2,16	Type of organization....	1,16,48-53	1,10,16
Southern peas (cowpeas), dry	—	25	V		
Southern peas (cowpeas), green	—	27	Value of agricultural products sold	1,2,10,18,47,48-53	1,2,16
Soybeans.....	1,42-44,48-53	1,15,16,25	Value of land and buildings.....	1,10,18,48-53	5,16
Soybeans sales, value..	2,48-53	2,16	Value of machinery and equipment	1,10,12,18,47,48-53	1,8,16
Spanish origin, operators of	16,17,48-53	35	Vegetable and flower seeds.....	46	30
Spelt and emmer	—	24	Vegetables, greenhouse	46	30
Spinach.....	—	27	Vegetables harvested for sale	1,42-44,48-53	1,15,16,27
Squash	—	27	Vegetables, sweet corn, and melons sales, value	2,47,48-53	2,16
Standard industrial classification of farms	18,48-53	2,16	Vetch seed	—	26
Steers, steer calves, bulls, and bull calves	20,25,48-53	11,16	W		
Strawberries.....	43,44	29	Walnuts, English	45,48-53	28
Sudangrass seed	—	26	Watercress	—	27
Sugar beets	42-44,48-53	1,15,16,25	Watermelons	44	27
Sugarcane.....	1,42-44,48-53	1,15,16,25	Weeds, chemical control	15,48-53	9
Sunflower seed	1,42,44,48-53	1,15,16,24	Wheat for grain	1,42-44,48-53	1,15,16,24
Sweet corn	44,48-53	27	Wheat sales, value	2,48-53	2,16
Sweet corn for seed	—	31	Wheatgrass seed	—	26
Sweet potatoes	42,44,48-53	25	Wheel tractors	13,48-53	8,16
T			Wild hay	43,44	26
Tame dry hay	43,44	16,26	Wild rice	—	24
Tangelos.....	—	28	Woodland.....	1,7,48-53	5
Tangerines	—	28	Wool, pounds shorn	38,48-53	13
Taro.....	—	31	Work off-farm by operator	1,16,48-53	1,10,16
Taxes, property, expenses	5,48-53	3	Y		
Tenant operated farms	16,48-53	10,16	Years on present farm..	47,48-53	16

PUBLICATION PROGRAM

1987 CENSUS OF AGRICULTURE

Results of the 1987 Census of Agriculture are being published in a series of reports which provide data for each county (or equivalent), each State, the United States, Puerto Rico, Guam, and the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands. The publications include statistics on the number of farms; land in farms; farm and operator characteristics; livestock, poultry, and their products; crop production and value; operating expenditures; irrigation; and other characteristics of farms.

Publication order forms may be obtained from Data User Services Division, Customer Services, Bureau of the Census, Washington, DC 20233, any U.S. Department of Commerce district office, or by calling (301) 763-1113.

ADVANCE REPORTS (AC87-A-01-000(A) TO 56-000(A))

Advance Reports are published separately for each county (or equivalent) in the United States with 10 farms or more, for each State, and the United States. The reports contain data for all agricultural operations with \$1,000 or more in actual or potential sales of agricultural products in the census year. The Advance Reports contain final data for major data items together with comparable data from the 1982 census. Included in the reports are data on number of farms, land in farms, size of farms, land use practices, farm operator characteristics, sales expenditures, machinery and equipment, livestock, poultry, dairy products sold, and major crops harvested (which vary by State). No advance reports are available for Puerto Rico, Guam, or the U.S. Virgin Islands.

VOLUME 1. GEOGRAPHIC AREA SERIES (AC87-A-1 TO 56)

State and County Data (A-1 to 50) are published showing detailed data in national and State tables for the United States, and in county and State tables separately for each State. These reports include data on number and size of farms; crop production; livestock, poultry, and their products; tenure, age, and occupation of operators; types of organization; value of products sold; and standard industrial classification of farms.

Summary and State Data (A-51)

- Chapter 1. National level data
- Chapter 2. State level data

Outlying Areas (A-52 to 56) provide detailed data for the regions and municipios of Puerto Rico; the election districts of Guam; the U.S. Virgin Islands; American Samoa; and Northern Mariana Islands.

VOLUME 2. SUBJECT SERIES (AC87-S-1 TO 6)

Agricultural Atlas of the United States (AC87-S-1), formerly the *Graphic Summary*, presents a profile of the Nation's agriculture in a series of dot and multicolor pattern maps. The maps provide displays on size and type of farm, land use, farm tenure, market value of products sold, crops harvested, livestock inventories, and other characteristics of farms.

Coverage Evaluation (AC87-S-2) provides national and regional level estimates on the completeness of the census, in terms of both the number of farms missed and selected characteristics of those farms.

Ranking of States and Counties (AC87-S-3) presents the ranking of the top 20 States and the top 100 counties of importance of selected items from the 1987 census. Comparative data from the 1982 census are included in most tables. Tables also show cumulative totals for States and counties.

History (AC87-S-4) is a concise description of the major census operations together with facsimiles of selected data tables. It explains the history of the agriculture census, farm definition, data collection and processing, and dissemination of census data.

Government Payments and Market Value of Agricultural Products Sold (AC87-S-5) shows detailed data for farms cross-tabulated by combined market value of agricultural products sold and Government payments received, including detailed national data and selected data for each State.

ZIP Code Tabulations of Selected Items From the 1987 Census of Agriculture (AC87-S-6) provides tabulations by five-digit ZIP Code for selected items from the 1987 census. Data items include number of farms, land in farms, farms by size, market value of agricultural products sold by size of sale, livestock inventory, cropland harvested, and selected crops.

VOLUME 3. RELATED SURVEYS (AC87-RS-1 AND 2)

The Farm and Ranch Irrigation Survey (AC87-RS-1) provides statistical data collected from a sample of farm operations from the 1987 Census of Agriculture. The publication offers information on acres irrigated, land use, yields of specified crops, methods of water distribution, quantity of water used by its source, and other irrigation practices.

Agricultural Economics and Land Ownership Survey (AC87-RS-2) provides data on indebtedness, expenditures, income and assets for both farm operators and landlords. This report also includes measures of credit used for purchases and expenditures, debt by type of lender, assets, off-farm income, and other land ownership data.

VOLUME 4. CENSUS OF HORTICULTURAL SPECIALTIES (AC87-HOR-1)

This report includes detailed information on the horticultural establishments with production and sales of \$2,000 or more. It provides data on number of establishments, value of sales of horticultural products, type of horticultural products, and kinds of horticultural businesses, for the United States, States, and counties.

ELECTRONIC MEDIA

Flexible Diskette—The Advance Reports of the 1987 Census of Agriculture are available on flexible diskettes. The files can be used with any compatible microcomputer employing the PC-DOS 2.0 or higher operating system. Diskettes can be obtained by calling (301) 763-4100.

Computer Tapes—Public-use computer tapes contain the same summary statistics that are found in the published reports. Two files are available for each State: data for counties and the aggregated State-level data. Order forms may be obtained from the Data User Services Division, Customer Services, Bureau of the Census, Washington, DC 20233 (or call (301) 763-4100).

Compact Disc-Read Only Memory (CD-ROM)—Data for the conterminous United States and Puerto Rico are available on CD-ROM. The CD-ROM can be obtained from the Data User Services Division, Customer Services, Bureau of the Census, Washington, DC 20233 (or call (301) 763-4100).

Online Access—National and State level data from the 1987 Census of Agriculture are available on CENDATA through two information vendors—CompuServe and DIALOG. In addition, the advance reports, highlights of the Subject Series, and Related Surveys reports, are available online from AGRIDATA. For information on these services call (301) 763-4100.

